# THE REVOLUTION IN MILITARY AFFAIRS: PROSPECTS AND CAUTIONS



Earl H. Tilford, Jr.

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#### **FOREWORD**

The current Revolution in Military Affairs (RMA) is taking place against the background of a larger historical watershed involving the end of the Cold War and the advent of what Alvin and Heidi Toffler have termed "the Information Age." In this essay, Dr. Earl Tilford argues that RMAs are driven by more than breakthrough technologies, and that while the technological component is important, a true revolution in the way military institutions organize, equip and train for war, and in the way war is itself conducted, depends on the confluence of political, social, and technological factors.

After an overview of the dynamics of the RMA, Dr. Tilford makes the case that interservice rivalry and a reintroduction of the managerial ethos, this time under the guise of total quality management (TQM), may be the consequences of this revolution. In the final analysis, warfare is quintessentially a human endeavor. Technology and technologically sophisticated weapons are only means to an end.

The U.S. Army, along with the other services, is embracing the RMA as it downsizes and restructures itself into Force XXI. Warfare, even on the digitized battlefield, is likely to remain unpredictable, bloody, and horrific. Military professionals cannot afford to be anything other than well-prepared for whatever challenges lie ahead, be it war with an Information Age peer competitor, a force of guerrillas out of the Agrarian Age, or a band of terrorists using the latest in high-tech weaponry.

While Dr. Tilford is optimistic about the prospects for Force XXI, what follows is not an unqualified endorsement of the RMA or of the Army's transition to an Information Age force. By examining issues and problems that were attendant to previous RMAs, Dr. Tilford raises questions that ought to be asked by the Army as it moves toward Force XXI. Warfare is, the author reminds us, the most complex of human undertakings and the victors, even in the Information Age, will be those who, as in the past, are masters of the art—as well as the science—of war.

RICHARD H. WITHERSPOON
Colonel, U.S. Army
Director, Strategic Studies
Institute

## BIOGRAPHICAL SKETCH OF THE AUTHOR

EARL H. TILFORD, JR. is Senior Research Professor and Director of Research at the Strategic Studies Institute. He earned his BA and MA in history at the University of Alabama and his Ph.D. in American and European military history at George Washington University. Dr. Tilford is the author of three books, the latest, published by Texas A&M University Press in 1993, being Crosswinds: The Air Force's Setup in Vietnam. He has published more than two dozen articles in scholarly and professional journals. His next book, Eagle in the Desert: A Look Back at the Persian Gulf War will be published by Greenwood Press later this year.

#### SUMMARY

A characteristic of the American way of war is our fascination with technology and the search for that technological "silver bullet" that will deliver victory quickly and with a minimum of loss of life. The current Revolution in Military Affairs (RMA) is driven by rapid technological advance fostered by the advent of the microprocessor and by decreased defense spending. It operates against the background of a historical watershed brought about by the end of the Cold War.

The RMA has been embraced by all the United States' military services; especially the Air Force and the Army. As the Army downsizes it is seeking to change itself into Force XXI; a strategic force, trained and ready, to fight and win the nation's wars in the 21st century. That we are in the midst of a true revolution in military affairs is evident. What it may mean for the Army and the nation is not so evident.

This monograph outlines where the Army is going as it seeks to define change rather than be defined by change. It also looks to the past to ask what have been the results of change during past RMAs? Accelerated interservice rivalries and over-reliance on management systems marked the last RMA, one driven by the advent of atomic weapons at the end of World War II and the relatively stable and sparse defense budgets of the 1950s. The author argues that the consequence of interservice rivalry and the institutionalization of the managerial ethos was defeat in Vietnam.

Finally, the author warns against becoming so entranced with the sophisticated technologies of the RMA that we lose both our grounding in strategic thinking and our basic warrior skills. To do so could be potentially disastrous when two peer competitor forces meet on the 21st century battlefield and, quite possibly, cancel each other out electronically. Then, it will be the side which is able to fight at the lower "gut level" of warfare that will prevail.

# THE REVOLUTION IN MILITARY AFFAIRS: PROSPECTS AND CAUTIONS

#### Introduction.

Discussions of the Revolution in Military Affairs (RMA), the Military-Technical Revolution (MTR), and Information Age Warfare often develop along technological lines. The Department of Defense's Office of Net Assessment defines an RMA as a major change in the nature of warfare brought about by the innovative application of technologies which, combined with dramatic changes in military doctrine, and operational concepts, fundamentally alters the character and conduct of operations. What is lost in this definition and in subsequent discussions is the nature of war, which remains a complex interaction of political objectives, human emotions, cultural and ethnic factors, and military skills. In pursuit of a political objective, warfare is violence articulated through strategy which is a balance of ends, ways and means. Technology and technological innovations, while affecting the way wars are or might be fought, remain means to an end. 1

The Gulf War and the collapse of the Soviet Union, occurring as they did almost simultaneously, marked an historical watershed. Ironically, the Gulf War, with its vision of a high-tech and extremely potent U.S. military, coincided with the end of an era in which just such a force is most viable. One might postulate that the Gulf War and the fall of the Soviet Union, taken together, constitute a bookend to one end of an era of Western political and military history that is bounded at the other end by the Franco-Prussian War of 1870-71. One might then argue that the West was engaged in a second Hundred Years War between 1870 and 1989. But the era which is dawning, the post-Cold War era, is not the end of history nor is it so radically different from all that came before that the study of the past has no relevancy.

The end of the Cold War and the dawning of what Alvin and Heidi Toffler have termed "the Information Age" are the two powerful conditions that define the environment in which the United States Army and its sister services operate today. In the Information Age, one can argue that a military-technical revolution, brought about by the advent of the microprocessor and precision-guided munitions, is fostering a revolution in military affairs. That may be so, but RMAs and rapid advances in technology are not always related. The armies of Napoleon, for instance, were part of a revolution in military affairs that derived from the social and political upheavals of the French Revolution. While the armies of the French Revolution coincided with the beginnings of the Industrial Revolution, the

incorporation of the people into the war effort through the *levee* en masse was more important than anything issuing from the Industrial Revolution. Furthermore, the weapons used by the armies of 1815 were basically the same as those available in 1789 or, for that matter, in 1715. Conversely, the military-technical revolution that issued from the maturing Industrial Revolution at the beginning of the 20th century did not translate into a true RMA until after the First World War, although all the technological elements were available during the war: the railroad, machine guns, tanks, long-range and rifled artillery, rapid-fire rifles, electronic means of communication, and airplanes.<sup>4</sup>

# Dynamics of the Current RMA.

The current RMA is driven by three primary factors: rapid technological advance compelling a shift from the Industrial Age to the Information Age; the end of the Cold War; and a decline in defense budgets. It entails a fundamental change in who, how, and, perhaps even why wars are fought. It is driven not only by new technologies but by new operational concepts, new tactics, and new organizational structures. The impact of the current confluence of social, political, economic, and technological forces on American society and the armed forces may equal—or exceed—what occurred during the 1960s and 1970s during the turmoil associated with the war in Vietnam.

The armed services, the Army and the Air Force in particular, are feeling the impact of changes compelled by this historic shift from the Industrial to the Information Age. The transition is forcing a change in the way the military services are organized, how they are supplied, how they procure weapons and how they are managed, and, most importantly, how they think and fight.

Over the past five years the armed forces have gone through a tremendous reduction or, in military doublespeak, a build-down. This build-down, which actually began in 1987, now proceeds in accordance with the Bottom-Up-Review (BUR) issued by Secretary of Defense Les Aspin in October 1993. By the end of the century, the total number on active duty in the Army, Air Force, Navy and Marines will have fallen from 2,130,000 in 1989 to 1,445,000. The Army continues to decline from 18 active divisions to 10, the Air Force is dropping from 24 to 13 active fighter wings, and Navy battle force ships are declining from 567 to 346. While the Marine Corps will retain its structure of three Marine Expeditionary Forces, personnel strength will fall from 197,000 to 174,000. According to the 1995 National Military Strategy, "Nevertheless, the United States will retain formidable forces... pound for pound more capable through enhancements and

selected modernizations." These changes have inconvenienced and caused uncertainty among professional soldiers, sailors and airmen.

The extent to which the armed forces have accepted these changes, however, has been remarkable, particularly given that the drawdowns, relocations, reorganizations and other fundamental alterations to the way they operate began immediately following a victory of immense proportions in the Gulf War; a victory which confirmed the tremendous progress made in rebuilding the services, especially the Army, after the Vietnam War. The Army is not only restructuring as it downsizes, it also is changing the very way it thinks about war. As former Army Chief of Staff General Gordon R. Sullivan stated, "We have to prepare ourselves for wars we haven't seen yet and that we don't understand. We are not just changing what we think. We are changing how we think."

# The Army and the RMA.

The Army is changing from a forward-deployed and Industrial Age army trained, equipped, and postured to stop a Soviet advance in Europe, to an Information Age, power projection army. The Army is drawing on the past and the present to make this transition. Historically, the Army has a tradition as a power projection force dating from the Spanish American War and the birth of the American Empire. In fact, during the Cold War, although there were significant forces deployed in Europe, the Army was still a power projection force with most of its divisions stationed in the continental United States. Although power projection is very much a part of the new Army's past, what is different is the rapidity with which forces must be deployed, where they may be sent, and the reasons for going there. According to the National Military Strategy of 1995, "The existence of a credible power projection capability complements our overseas presence acting as a deterrent to potential adversaries."8 The Army is drawing on the Military Technical Revolution as it structures, equips, and trains an RMA force that will make this concept a reality. The transformation of the Army into Force XXI, a power projection army for the Information Age, will be achieved by implementing a vision built on five modernization objectives.

The first is to reorganize and restructure the Army into the kind of force that can be deployed rapidly and then sustained in the theater. As a part of the the Army's Force XXI initiative, it is studying the way battalions, brigades, divisions, and corps should be organized as these entities evolve into the size and composition needed to succeed on Information Age battlefields. An experimental Force XXI brigade, designated EXFOR XXI, was in place early this spring at Ft. Hood, Texas. In 1996, the Army plans to stand up EXFOR XXI at the division level. 10

Second, Force XXI must be able to survive on the Information Age battlefield against any foe, whether that may be a peer competitor capable of fighting in the digitized arena or an Agrarian Age or Industrial Age force, opponents which historically have proven most troublesome. Survival and sustainment will be as much elements of operational power in the future as they were in the past. Force XXI must be considered in relation to the capabilities needed across a spectrum military operations which may also include relief operations, peacekeeping, and humanitarian interventions.

Third, the Army must be modernized to win the information war. In information warfare, the objective is to deny the enemy critical knowledge while achieving and retaining the decisive advantage of battlefield awareness. The actual weapons used by Force XXI: the tanks, infantry fighting vehicles, artillery pieces, rocket launchers, helicopters, command and control vans, and support vehicles will look a lot like the Industrial Age weapons of today. But they will be much smarter, deriving their intelligence from computers and advanced technologies joined in a digitally-integrated force that, taken as an entity, will be qualitatively superior to the Army that won a decisive victory in the Gulf War.

Fourth, the Army of the 21st century—Force XXI—must be capable of precision strike. Precision strike will blind, immobilize, and maintain the enemy at a distance while critical targets are identified, struck and destroyed. Strike has to be considered in terms of the degree of coercive capability necessary to support the execution of a given mission. Additionally, the strike function will be defined by the Army's ability to mass the effect of its instruments (troops, tanks, helicopters, artillery pieces, and rocket launchers) at the critical places and at the proper time. "Decisive victory" will be defined in terms of the objective, which may be anything from the destruction of an enemy force to the stabilization of a local situation brought about by natural disaster or ethnic and tribal conflict, curbing the excesses of intrastate conflict, or countering the more traditional forms of interstate aggression.

Finally, the modernized Information Age Army, Force XXI, must be capable of dominating and winning the maneuver battle. Through dominating maneuver, the right forces will be gotten to the right place at the right time to effect the enemy's operational and strategic collapse. The key to winning on the fluid and multidimensional battlefield of the 21st century will be simultaneity; the simultaneous employment of overwhelming combat power throughout the breadth and depth of the operational area to paralyze the enemy. Simultaneity is linked to surprise

and the disruption of the opponent's decision cycle. The objective is, through dominating maneuver, to make the enemy incapable of responding to a rapid succession of initiatives devised to win quickly and decisively. If the Army does these things right, the result will be a smaller, highly sophisticated force, yet one able to overwhelm and defeat a foe superior in numbers.<sup>11</sup>

Digitization is one key to unlocking the capabilities of Force XXI, and the digitized battlefield is becoming a reality. By integrating advanced technologies into already existing systems, the Army is upgrading its intelligence gathering and processing capabilities along with its command and control mechanisms, tanks, and fighting vehicles. As Andrew Krepinevich put it, "Establishing information dominance could well be the sin qua non for effective military operations in future conflicts." 12

Barring an unforeseen technological leap of fantastic dimensions, no single technological advance is likely to foster a revolution in military affairs-at least not by itself. Rather it is the integration of capabilities, those that exist along with new ones as they arise, that makes for an RMA. War is still a matter of ideas, emotions and will. Weapons and technology are tools. The masters of the art of war in the 21st century will be those individuals who can put capabilities together in innovative ways to achieve tactical, operational and strategic objectives. For instance, the first blow in the Gulf War was struck by nine Army Apache AH-64 attack helicopters from the 101st Airborne Division (Air Assault) led by three U.S. Air Force MH-53J Pave Low helicopters from the 1st Special Operations Wing. Just before H-Hour, the helicopters, organized as Task Force Normandy, flew a long, earth-hugging mission to blast two early warning radar sites deep inside Iraq. The MTR provided the technological advances in night-and-low-light vision devices and precise navigational capability resulting from space-based systems such as the Global Positioning System (GPS) satellites. 13 What indicates an RMA is the operational integration that brings together the technologies available to Air Force and Army helicopters and employs them to pave the way for what was predominantly an Air Force and Navy air campaign.

# Looking Back as We Look Ahead.

History is the only reliable guide mankind has to the future. Nearly a century ago, A.T. Mahan wrote, "While many of the conditions of war vary from age to age with the progress of weapons, there are certain teachings in the school of history which remain constant . . . It is wise to observe things that are alike, it is also wise to look for things that differ." 14

The world is as dangerous today as it was when the Cold War began. Over the past 50 years, the major peer competitors in the RMA fostered by the advent of the atomic and nuclear era managed to avoid war with each other. Nevertheless, while the United States was ready for war at the high end of the technological spectrum, "atomic war, eyeball-to-eyeball and toe-to-toe with the Rooskies" as Maj. King Kong, the demented B-52 pilot in the movie "Dr. Strangelove" put it, some 100,000 Americans died in lower order conflicts from Korea and Vietnam to Lebanon, Grenada, Panama and the Persian Gulf. In 1962, at the start of the U.S. commitment to the war in Vietnam, Chairman of the Joint Chiefs of Staff, Army General Lyman L. Lemnitzer claimed that forces constituted for war in Europe could just as easily fight and win against querrillas in Indochina. 15 In the Army and the Air Force, there was a general acceptance of the notion that unconventional or limited war was merely a subset of the kind of general and conventional wars for which the services were structured and equipped. If American forces could fight and prevail over Soviet or Chinese forces in conventional or nuclear war, they could certainly win any lesser order conflict quickly and with less application of more or less the same kind of force. 16 In Vietnam that notion proved tragically flawed.

The end of the Cold War and the dawn of the Information Age do not mark the advent of a technologically-based millennium of peace and democracy. Since the Berlin Wall came down in November and December 1989, the U.S. Army has issued over 700 Purple Hearts and two Congressional Medals of Honor. That is more Purple Hearts than were issued at any time between 1946 and 1989 except when U.S. forces were engaged in Korea and Vietnam.<sup>17</sup>

## Interservice Rivalry.

The current Revolution in Military Affairs, no less than the one driven by the atomic revolution, brings with it both opportunities and challenges. In the periods between 1947 and 1950, 1954 and 1960, and from 1961 to 1965, precipitous technological change and the competition for defense appropriations drove bitter interservice rivalries. The atomic bomb and how the services adapted to its implications for strategy, force structure, weapons acquisition, and doctrine operated on the one hand. The defense budgets operated on the other. Between 1947 and 1950 and from 1954 through 1960, the competition was driven by the atomic revolution and the scarcity of defense dollars. From 1961 to 1965, interservice rivalries were the result of an expanding defense budget, a squabble over roles and missions in Vietnam, and a shift in strategy from one based on massive retaliation, which favored the Air Force and its large nuclear retaliatory forces, to one based on flexible response, which expanded the roles of the other services and

their conventional, nonnuclear forces. Interservice rivalry is a part of the current RMA as well.

In the U.S. Air Force, from before 1947, an article of faith has been that offensive strategic air power possesses the virtues necessary to obtain a complete and unambiguous victory. Strategic bombing and victory through the decisive use of air power are concepts precious to air power enthusiasts. The current international environment, however, no longer favors such a proposition. Air Force Colonel Richard Szfranski, writing in the Spring 1995 Joint Forces Quarterly, argues that the end of the Soviet threat may well mark the end of the Air Force's raison d'etre as an independent service and that, "Unless the Air Force becomes the space force, it may not survive beyond 2010." Today the competition over space is only one area in which interservice rivalry is intense.

Additionally, the Military Technical Revolution has provided the weapons that conceivably could turn the theory of strategic paralysis into reality. Theoretically, the more technologically advanced the enemy, the more susceptible the nation and its armed forces will be to the kind of attack that will result in strategic paralysis. Retired Air Force Colonel John A. Warden is the most articulate advocate of this kind of warfare. He has posited a definition of the enemy as a system of five "strategic" rings. Listed in descending importance to the proper functioning of the enemy system, these rings are as follows: leadership, organic essentials (i.e., electrical power), infrastructure, population, and fielded military forces. According to Warden, air power is uniquely qualified to bring quick and decisive victory because planes and missiles can transcend earthly barriers of distance and topography to strike at the innermost ring—leadership—to incapacitate the opponent by destroying his brain: the command and control system. If, for political or moral reasons decapitation is not possible, then air power can induce strategic paralysis by attacking the outer rings to achieve a desired level of immobility or insensibility consistent with the objective intent. 19

The MTR and the integration of precision-guided munitions (PGMs) with the F-117A stealth fighter and into the B-1 and B-2 bomber fleets is to the current RMA what the wedding of the atomic bomb with the Convair B-36 intercontinental bomber was to the previous Revolution in Military Affairs. The Air Force's dominance of the budget then was based upon the implicit contention that its long range nuclear delivery capability made it the dominant and decisive force in war. Air power enthusiasts and advocates of the air campaign as depicted by John Warden have gained impetus from the perceived "decisiveness" of air power in the Gulf War. While air power was, indeed, critical to the final

outcome and pivotal to the success of the Allied forces, it was not decisive.

The Army, for its part, argues that historically wars are won on the ground and that it is the only service capable of prompt and sustained land combat operations. It portrays Force XXI as a technically-enhanced land combat force that can deter potential adversaries and protect U.S. interests around the globe. Land power advocates claim that only the Army has the assets and staying power to operate over the entire battlefield anywhere in the world. While successful military operations involve controlling the air, sea and land, a nation's ability to impose its will can only be assured if it is capable of controlling the land.<sup>20</sup>

Currently the services, but especially the Army and the Air Force, are engaged in a spirited dialogue over roles and missions. Both services are in competition for funds in a decreasing defense budget while they are also modernizing and restructuring their forces to accommodate new technologies. For the present, however, an unfortunate result of the current RMA will be heated interservice rivalries.

# Technological Backfire.

Technology is extremely seductive and it is easy to get caught up in the exotic potential of the RMA. But in pursuit of a new way of making war, one cannot allow technological romanticism to engender visions of a mystical silver bullet which promises to sanitize war by erasing its human dimensions. The tendency to chase silver bullets was evident in the Vietnam War. At the beginning of the war, during the advisory phase, Operation Ranch Hand was one such endeavor. This involved the aerial spraying of chemical herbicides like Agent Orange on the jungles and mangrove swamps of South Vietnam and Laos in an effort to deny cover to the enemy. The sad result was threefold. First, defoliation did not work very well and the ability of the enemy to conceal movements was not inhibited. Second, the ill-effects of aerial spray, not only on the people and the ecology of Indochina but also on American troops, fed the more exotic claims of the antiwar movement, especially the contention that a cruel and unusual technology had been unleashed on a peaceful and peace-loving people. Third, there is the actual medical legacy of affected veterans-American and Vietnamese. 21

University of Rochester historian, Professor Loren Baritz, in his book Backfire: Vietnam, The Myths That Made Us Fight, The Illusions That Helped Us Lose, The Legacy That Haunts Us Still, argued that, "One of the major by-products of technology is faith in technology." In the Spring 1995 Airpower Journal, the

authors of an article, "Weapons of Mass Protection," maintained that, "Acquiring weapons of mass protection, nonlethal, antilethal, and information warfare weapons, and integrating them into current force capabilities, may be the way that airpower can secure for years . . . its primacy in strategic utility." The Gulf War, with the rapidity of victory and low casualty rates, may or may not be repeated in the next large-scale engagement of American forces. But whether it is or not, one can count upon the expectation of many Americans that it should be. And if the war is bloody and long rather than quick and relatively casualty-free, unless the objectives are clearly worth the cost, public support will erode quickly.

Our national fascination with technology in the 1950s transferred to Vietnam in the 1960s, where the Air Force, and to a lesser degree the Army, searched in vain for a technological silver bullet. Cluster bombs, napalm, and herbicide defoliants, and the first manifestations of the current MTR, the electronic battlefield, laser and electro-optically guided bombs, all promised much. While some delivered a good deal of destruction, in the end technologically- sophisticated weapons proved no substitute for strategy. What technology did do, however, was to enforce, compel, and solidify the military's managerial mindset. Vietnam was the best-managed war in American history; unfortunately it was also a well-managed defeat.

### From PRIDE to TQM.

Resources are an integral part of the equation in affecting the RMA. The defense budget decline is not an insurmountable barrier. Historically, revolutions in military affairs have occurred during times of both plentiful and scarce economic resources. Indeed, the last two RMAs occurred during the Great Depression and after the Korean War; both were times of constrained budgets. In some ways poverty is the father of ingenuity.

In the seminal 1992 study of the MTR conducted for the Office of Net Assessment, Andrew Krepinevich made the point that the U.S. Navy developed the concept of carrier task forces, the U.S. Marines worked out the basics of amphibious warfare, and the Army Air Corps laid the theoretical foundations for strategic bombing during the Great Depression. In Germany, despite economic chaos and the restrictions imposed by the Versailles Treaty, by 1935 the theoretical and operational foundations for blitzkrieg had been established. Furthermore, as the German experience indicates, frequently the RMA is not a matter of some revolutionary technological breakthrough, but the development of doctrines and organizations that can integrate existing technologies in a new and innovative way.

Taken together, however, technology and management historically have constituted a challenging combination for the U.S. Department of Defense. The managerial ethos, engendered during World War II and institutionalized in the 1950s, took hold in the 1960s. High-tech weapons demand effective and efficient management, from initial research and development through procurement and deployment. Management depends upon bureaucracies to insure efficiency, and bureaucracies abhor the unpredictable and the uncontrollable. Therefore, managers and bureaucrats will promote the objectivity of the quantifiable at the expense of the subjectivity of the creative but unpredictable.

The Vietnam War solidified the managerial ethos making it fundamentally a part of the value systems of all the services, but especially that of the Air Force and, to only a lesser degree, that of the Army, Navy and Marines. In the Air Force the managerial approach to warfare evidenced itself in the way success was measured in Operation Commando Hunt, the aerial interdiction campaign along the Ho Chi Minh Trail from November 1968 to April 1972. The truck count, a running compilation of trucks damaged or destroyed by air power, was an effort to assess victory in terms of statistical success. The Army equivalent was the infamous body count, whereby any ground operation in Vietnam might be evaluated in terms of the number of enemy supposedly killed or wounded. In both cases, however, statistics proved to be no substitute for strategy and what the Air Force and the Army succeeded best at was fooling themselves into thinking that they were winning the war. 25

The tendency to confuse efficiency with effectiveness continued after the Vietnam War and through the 1980s. Military managers devised a succession of efficiency-oriented programs with snappy acronyms like "Zero Defects" and Professional Results in Daily Efforts (PRIDE). Management by Objective (MBO) and the "Productivity Program" took root in the mid-1980s. Zero Defects, PRIDE, and MBO were management systems devised for Industrial Age military bureaucracies. The RMA is changing the military bureaucracy just as the Information Age is changing industrial and business bureaucracies. In the armed forces as well as in industry, middle management positions are disappearing as their main functions, information transfer and worker supervision decline in importance. Computers transfer a great deal of information digitally by "talking" to one another. In accordance with Total Quality Management (TQM) principles, workers are more self-regulating. Staffs and staff responsibilities are changing as bureaucratic spans of control grow while organizations become flatter and "process action teams" increase in importance. 26 The challenge to the military is to retain its system of values and

to enforce traditional respect for rank and order while changing the hierarchial system of command.

If TOM is to the Information Age what PRIDE and MBO were to the Industrial Age, there is reason to be cautious as the Army and the other services transform their structures. The Department of Defense has adopted total quality management concepts with an enthusiasm that perhaps exceeds that accorded to earlier systems. Throughout the services, officers and non-commissioned officers have accepted the contentions made by W. Edwards Deming that TQM is largely responsible for the post-war Japanese economic recovery. 27 After almost total destruction of Japan's industrial base by bombing in World War II, the Japanese auto industry rose like Phoenix from the ashes to achieve phenomenal success. The program has been oversold to the military by people who forget that Japan had the advantage of rebuilding its industrial base and structuring it to incorporate the latest technologies. It also ignores the unique characteristics of Japanese culture and society that facilitated rapid adaptation to the Industrial and Information revolutions over the past 120 years.

Parts of the military that resemble civilian industry could profit from a businesslike culture; acquisitions and finance in particular. But TQM may be as threatening to military culture as Zero Defects, PRIDE, and MBO were earlier. War is, and in the information age is liable to remain, a bloody, horrific, and passionate undertaking. The bottom line is always victory, and that sometimes comes at an exorbitant price in human suffering and resources. The Defense Department's general managers, and the services' manager generals, did not serve the nation well when they took the world's premier Industrial Age military to war (and defeat) in Vietnam. In the RMA we must ensure against raising up a generation of leadership composed of techno-work managers.<sup>28</sup>

# The RMA, Force XXI and the Future.

Reservations aside, the American military, especially the Army and the Air Force, are embracing the RMA. As the services move into the Tofflerian Third Wave as Information Age militaries, they are preparing to fight other Information Age, Third Wave armed forces. Just as it was necessary for the Air Force, Army, Navy and Marines to be prepared to fight their Soviet counterparts during the Cold War, it may be just as prudent to prepare for the most potent possible future threat. But will being able to fight in the Third Wave also ensure that the armed forces will be able to fight effectively against First and Second Wave foes? Historically, the record has not been good.

Since World War II, U.S. military failures have come at the hands of opponents who had little or no air or sea forces and

whose ground forces were composed largely of light infantry. During the Korean War, and on those occasions during the Vietnam War when the enemy was good enough to confront American forces conventionally, they were almost always drubbed. First and Second Wave forces, however, often prevailed over first-class Industrial Age forces when they employed a combination of unconventional strategy and tactics with a willingness to sustain higher casualty rates. Defense analyst Dr. Jeffrey Record, in a paper delivered at the Army War College, made the point that American forces were stalemated in Korea, defeated in Vietnam, and humiliated in Lebanon and Somalia when their opponents took the strategic initiative and forced the kind of fight where high firepower and air power could be used effectively. 29 The French experience in Indochina and the Soviet experience in Afghanistan were similar. Even in the Information Age, the dialectic is at work. There may well be another Mao Tse Tung or another Vo Nguyen Giap capable of developing a counterstrategy or devising a tactical solution that may reduce or even eliminate any Third Wave force's supposed advantage in Information Age warfare. Given the inevitability that this will occur, any strategy that may be developed during the RMA that does not anticipate and plan for these counterstrategies will not serve the nation well.

Then there is what Krepinevich described as the "dreadnought factor." What if the United States is not the nation that makes the next dramatic technological leap? What if someone else takes that giant step that renders everything else irrelevant? As the future unfolds it may be easier to do that than in the past, especially if the breakthrough involves harnessing the mind to an already available, off-the-shelf technology. What if one, two, or ten exceedingly bright and innovative techno-wonks figure out how to electronically "blow up" the New York Stock Exchange or the Federal Reserve System? What would be an appropriate response? 30

There is danger here in cultural myopia. The atomic bomb may have been invented in the United States, but it might not have been if Albert Einstein and others had remained in Germany. We must keep in mind that we are raising up a generation of Americans dependent on hand-held calculators to do their basic math.

Finally, the possibility of the rise of a peer force competitor cannot be discounted. Despite political instability and economic chaos, Russia is still moving ahead in its military modernization programs. Despite the loss of the Ukraine, it is rich in natural resources and its population has produced an abundance of premier physicists. The collapse of the Soviet Union will be more likely to affect Russia's ability to engage in the RMA than it will to continue its participation in the MTR. If Russia reconstructs itself politically, especially in the form of

a military dictatorship, its participation in the RMA could bring it to peer status with the United States relatively quickly. 31 Currently, other than Russia, the only nations that can participate even partially in the RMA are France, Germany, the United Kingdom, Israel, and Japan. They are friendly.

It takes more than technology to become a full participant in the RMA.<sup>32</sup> The national and military culture have to be accommodating to change and decentralized execution. For instance, while Japanese business culture may be able to operate under TQM principles, the Chinese might find it culturally more difficult to accept and employ. The technological barriers to full participation are themselves significant, and only a handfull of countries have the necessary advanced data-processing systems, space-based sensors, and access to usable stealth technologies—to name a few required basics.<sup>33</sup> Not many nations possess the right combination of culture, wealth, and access to technologies. And military cultures may be more resistant to change than the societies which support them.

But the number of those nations that can participate in the MTR in a limited way is much larger and the list is growing. Today some 20 nations can produce precision-guided munitions. That number may well double within a decade. And the pace of technological evolution is likely to increase, with the possibility of a dramatic breakthrough on the part of someone other than ourselves.

If and when an Information Age force meets a peer competitor, contesting forces could cancel each other out at the electronic level early on. Alternatively, one side may electronically zap its opponent in the cyberwar equivalent of a Pearl Harbor. What then would be the alternatives?

If both sides cancel one another out, the alternatives are twofold. First, a war of attrition might develop, perhaps resembling what happened on the Western Front in World War I. Then the two sides are likely to fight to exhaustion, especially if the leadership on both sides has been so focused on Information Age warfare that they have forgotten—or never learned—basic military strategy or the operational art extant in the 1980s and 1990s. The second alternative would be to fight a Second Wave or even First Wave kind of war. The side which can fight at that lower level, at the Industrial Age or Agrarian Age level where superior strategy, innovative tactics, and human courage and determination are the critical—often decisive—factors, will win. The danger is that in the current RMA we may be neglecting the warrior skills and relinquishing the

kind of military culture that would be needed to pursue warfare at the gut level.

If one peer competitor gains an immediate advantage by establishing cyberspace dominance and Information Age superiority over the other, there again will be two alternatives. First, surrender is always an available solution. Second, if the victimized forces are able to fight at the lower level, and if they can take the offensive, they may well win. There is no reason to believe that in the Information Age victory will not accrue—as it has in the past—to the side which develops the superior strategy and which has the greater capacity for enduring suffering. Historically, that has not always been the side which has possessed the edge in technology and weaponry.

In conclusion, strategic thinkers in all the services need to address the nature of war in the Information Age. The U.S. Army, and the military in general, still view war as combat—the clash of forces to establish superiority on land, in the air, or at sea. War in the future may well be waged in any one or all three of these arenas but it may also be fought across the spectrum to include economic warfare, ecological warfare, and terrorism. Clashing titans on the battlefield may be the exception rather than the rule, with future war dominated instead by wire-heads on the Internet. That brings us back to the central question of strategy: how do we balance ends, ways and means in the Information Age?

### ENDNOTES

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- 30. I want to acknowledge the ideas and thoughts of my colleagues Dr. Steven Metz and Dr. William Johnsen. They are on the cutting edge of thinking in this area. I am grateful to their patience and generosity in sharing many of the ideas expressed throughout this portion of the paper.
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- 32. It is difficult to say for sure that only "modern" and technically-advanced nations can participate in the MTR and RMA. Germany, in the throws of political and economic chaos, and limited by the Versailles Treaty, would not have been a logical candidate to bring together the elements of an RMA by laying the foundations for *blitzkrieg* in the 1920s and early 1930s.
  - 33. Krepinevich, "The Military-Technical Revolution," p. 40.

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# NATO STRATEGY IN THE 1990s: REAPING THE PEACE DIVIDEND OR THE WHIRLWIND?

William T. Johnsen

May 25, 1995

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#### FOREWORD

Each April the Strategic Studies Institute hosts a conference that addresses key strategic issues facing the Armed Forces and the Nation. This year's theme, "Strategy During the Lean Years: Learning from the Past and the Present," brought together scholars, serving and retired military officers, and civilian defense officials from the United States, Canada, and the United Kingdom to discuss strategy formulation in times of penury from Tacitus to Force XXI.

Dr. William T. Johnsen, Elihu Root Chair of Military Studies at the U.S. Army War College and a former NATO staff officer, examines The Alliance's New Strategic Concept. Released in November 1991, the Strategic Concept represents NATO's response to the dramatically changed security environment in Europe, and the intense desire to reap the resultant "peace dividend." Dr. Johnsen argues that a close reading of the strategy and subsequent implementing initiatives refutes critics who claim that NATO has failed to respond adequately to Europe's new security conditions. The Strategic Concept dramatically expands the scope of the Alliance's security objectives and functions, takes NATO "out of area," and lays the foundation for massive forces cuts, as well as for a fundamental restructuring of Alliance military forces and command structures.

In Dr. Johnsen's opinion, however, the Alliance has been less than successful in the practical implementation of its Strategic Concept. These difficulties stem predominately from confusion within the Alliance over NATO's ultimate function: Should it remain a collective defense organization or should it evolve into a collective security body? Dr. Johnsen argues that for the foreseeable future NATO must remain focused on collective defense. This recommendation has a number of consequences for the Alliance, most notably for the pace of expanding its membership, NATO's future role in crisis management and conflict resolution-especially peace operations, the conduct of other "non-Article V" operations, and the degree to which nations can garner the peace dividend.

For policymakers to grasp successfully the thorny strategic issues facing them in an era of increasingly constrained resources requires informed debate. The Strategic Studies Institute, therefore, offers this report as part of its contributions to the ongoing discussions.

WILLIAM W. ALLEN Colonel, U.S. Army Acting Director Strategic Studies Institute

### BIOGRAPHICAL SKETCH OF THE AUTHOR

WILLIAM T. JOHNSEN joined the Strategic Studies Institute in 1991 and currently serves as an Associate Research Professor of National Security Affairs. He has also held the Elihu Root Chair of Military Studies of the U.S. Army War College since 1994. An infantry officer before retiring from the U.S. Army, Dr. Johnsen served in a variety of troop leading, command and staff assignments in the 25th Infantry Division and 7th Infantry Division (Light). He also served as Assistant Professor of History at the U.S. Military Academy, and as an Arms Control Analyst in the Supreme Headquarters Allied Powers Europe (SHAPE). Dr. Johnsen holds a B.S. degree from the U.S. Military Academy, an M.A. and Ph.D. in history from Duke University, and is a graduate of the U.S. Army War College. He has authored or coauthored numerous Strategic Studies Institute studies, as well as articles in a variety of policy journals, that focus on U.S.-European security issues.

# NATO STRATEGY IN THE 1990s: REAPING THE PEACE DIVIDEND OR THE WHIRLWIND?

#### INTRODUCTION

In November 1991, the North Atlantic Treaty Organization released "The Alliance's New Strategic Concept" (hereafter Strategic Concept), the first significant revision of NATO strategy since the Alliance adopted the strategy of Flexible Response in 1967. In this new document, NATO acknowledged the dramatic improvements in the European security environment, and positioned the Alliance for the post-Cold War era. Since 1991, the Strategic Concept has guided NATO as it absorbed a unified Germany, massively reduced allied forces, partially overhauled its command and control structures, undertook peace operations in the former Yugoslavia under the aegis of the U.N., conducted combat operations for the first time in its history, and started to tackle the difficult question of enlarging the Alliance.

Despite these accomplishments, pundits have subjected the Alliance to a constant barrage of criticism. While individual critiques fall across a wide spectrum, an overarching complaint is that the Alliance has not adapted sufficiently to the changed conditions in Europe. Because the Strategic Concept sets out the basic principles of the Alliance and serves as the guide for NATO's future direction, these criticisms also call into question the validity of the Alliance's current strategy. This monograph, therefore, will examine the elements of "The Alliance's New Strategic Concept," to include its implementation and follow-on initiatives, and assess whether these efforts adequately prepare NATO to meet the 21st century.

This assessment begins with a brief description of the key elements of the Strategic Concept to inform those who may have been unable to examine it in detail because of the press of other international and European crises. The study next assesses NATO's numerous political and military initiatives for implementing the Strategic Concept, with emphasis on evaluating their success. Particular emphasis will be devoted to the issue of NATO's growing participation in collective security activities, and the inherent contradiction this holds for NATO's continued existence—specified in the Strategic Concept and routinely reiterated thereafter—as a collective defense organization. The report closes with conclusions and recommendations for further Alliance action.

## KEY ELEMENTS OF THE ALLIANCE'S NEW STRATEGIC CONCEPT

Before outlining the critical provisions of the Strategic Concept, several preliminary points need to be raised. First, "The Alliance's New Strategic Concept" is NATO's first unclassified

strategy; no small point. Second, previous strategic concepts were published by the NATO Military Committee (MC). As a consequence, while past strategies touched on political issues and the North Atlantic Council (NAC) approved the documents, they had a decidedly military thrust. In "The Alliance's New Strategic Concept," on the other hand, the political element clearly predominates. Third, because of the considerable political content, France participated in the strategy review and approved the Strategic Concept despite not belonging to the Alliance's integrated military structure. Again, no small accomplishment for the Alliance. Finally, while the strategy reflects significant changes from the past, a number of continuities remain.

# The Strategic Context.

The Strategic Concept opens with "The Strategic Context," which chronicles the significant changes in Europe and assesses their effects on the Alliance. This section contains three major conclusions. First, the changed security environment alters neither the purpose nor security functions of the Alliance. Second, while the Alliance no longer confronts a massive, specific threat (i.e., the Warsaw Pact), it still faces risks, albeit unspecified. Third, the new security conditions offer "... new opportunities for the Alliance to frame its strategy within a broad approach to security." In short, this section provides the contextual and philosophical underpinnings for the principles of NATO strategy that followed.

These conclusions have important consequences for the Alliance. On the one hand, unspecified risks extend well beyond traditional threats to the territorial integrity and political independence of its members, and now include "Alliance security interests [which] can be affected by other risks of a wider nature, . . . proliferation of weapons of mass destruction, disruption of the flow of vital resources and actions of terrorism and sabotage." Protecting those interests implies that the Alliance must be prepared, for the first time, to operate outside the traditional NATO Treaty area. These consequences, in turn, justify NATO involvement in crisis management and conflict prevention. Finally, participation in crisis management and conflict prevention activities provides the rationale for NATO rapid reaction forces. Thus, this portion of the Strategic Concept establishes precedents for expanding dramatically the scope of the Alliance's security objectives and functions, takes NATO "out of area, " and lays down the requirement for a fundamental restructuring of NATO forces; points that many observers apparently have overlooked.

### Alliance Objectives and Security Functions.

Despite establishing new missions for the Alliance, NATO members strongly reaffirmed the essential purpose of the Alliance originally laid out in the Washington Treaty (1949): ". . . to safeguard the freedom and security of all its members by political and military means in accordance with the principles of the United Nations Charter." To achieve these objectives, the Strategic Concept reaffirms NATO's long-standing policies of credible deterrence and, if necessary, an effective defense. Reflecting the new emphasis on crisis management, the allies added the requirement to ". . [maintain] an overall capability to manage successfully crises affecting the security of its members." To achieve these objectives, NATO members reiterated the fundamental security tasks facing the Alliance:

- To provide one of the indispensable foundations for a stable security environment in Europe, based on the growth of democratic institutions and commitment to the peaceful resolution of disputes, in which no country would be able to intimidate or coerce any European nation or to impose hegemony through the threat or use of force.
- To serve, as provided for in Article 4 of the North Atlantic Treaty, as a transatlantic forum for Allied consultations on any issues that affect their vital interests, including possible developments posing risks for members security, and for appropriate coordination of their efforts in fields of common concern.
- To deter and defend against any threat of aggression against the territory of any NATO member state.
  - To preserve the strategic balance within Europe. 10

### A Broad Approach to Security.

To fulfill these tasks, the Alliance has broadened its approach to security to include dialogue, cooperation, collective defense, and crisis management and conflict prevention. Granted, these elements have their roots in the concepts of defense and dialogue first articulated in the Harmel Report (1967), but key differences exist. On the one hand, the Strategic Concept reverses the priority of Alliance functions; i.e., political means henceforth will predominate over military considerations. More profoundly, provisions for crisis management and conflict prevention took on new meanings.

Some might argue that NATO has long practiced crisis management procedures. While true, the new call for participation in crisis management and conflict prevention differs vastly from Cold War procedures intended to avert a full-scale conventional

and, perhaps, nuclear confrontation between NATO and the Warsaw Pact. The new provisions establish that security is no longer a matter of the 16 NATO members only, but is intertwined with Europe as a whole. While this was true during the Cold War, the critical difference is that the collapse of communism and the Warsaw Pact now makes it possible for NATO to exercise its security functions outside NATO territory. This circumstance allows NATO to work in conjunction with regional (e.g., European Union [EU], Western European Union [WEU], Organization for Security and Cooperation in Europe [OSCE] [formerly CSCE]) or international (e.g., U.N.) organizations.

But, this new "opportunity" to cooperate with these frequently duplicative security organizations has not been without its problems. The critical issue concerns: Which institution is responsible for what? The short answer is that no one knows. 12 Worse yet, no one appears to be working out the details that will delimit roles and responsibilities, eliminate unnecessary overlap, or close the gaps between these supposedly interlocking institutions. As a result, crisis management activities are cobbled together inefficiently (e.g., the WEU/NATO maritime enforcement of the Yugoslav embargo), are confused (e.g., the U.N. and NATO in Bosnia-Hercegovina), or simply fall through the gaps (e.g., EU and OSCE in Nagorno-Karabakh, Moldova, or Chechenya).

If NATO is to defend its interests (e.g., European stability, resolving crises on NATO's periphery thus preventing spillover onto NATO territory) effectively through crisis management activities, then NATO must take the lead—now—in defining the parameters of organizational roles and responsibilities of the various European security institutions. To do so, requires answers to the following questions:

- What shall be the current division of labor between NATO and the EU/WEU?
- Will NATO continue in the future to act as a security arm of the OSCE?
- What shall be the role between NATO and a future European Security and Defense Identity (ESDI)?
- Given the NATO experience in Bosnia-Hercegovina, under what conditions will the Alliance be willing to cooperate with the U.N.?

Certainly, answers to these difficult questions will be neither simply nor quickly found. Ideally, NATO would first build internal consensus on its future role, and then on how NATO would interact with other European institutions. After hammering out its

internal difficulties, NATO would then work out comprehensive definitions of responsibility with each European institution having a stake in security issues.

But these are not ideal times. Many NATO members have differing views on these issues, as well as differing national agendas and objectives for the various competing institutions that will further complicate consensus-building efforts. Furthermore, NATO will have to handle these prickly issues concurrently—in terms of dealing with institutions, as well as responding to crises. If NATO is to succeed in these efforts, then the Alliance will have to take the lead. No other institution has the degree of necessary consensus or the apparent willingness to confront these issues. Equally important, within NATO, the United States must take a stronger role and resolve the many differences among the major European powers, as well as between the United States and its NATO allies. This will require the United States to demonstrate forethought, patience, and improved leadership qualities.

### Guidelines for Defense.

Principles of Alliance Strategy. Despite an increased reliance on political means, the Strategic Concept retains a significant military component. The Alliance remains purely defensive in purpose, and retains deterrence, and, if necessary defense, as key military elements of NATO strategy. The enduring role of Alliance military forces is to assure the territorial integrity and political independence of NATO members. The collective nature of NATO continues to apply to the equitable sharing of roles, risks, and responsibilities. Lastly, collective defense remains the best means to preclude the renationalization of defense policies.<sup>14</sup>

One strategic principle has drawn remarkably little comment, especially given the usual sensitivity of nuclear issues in Europe. The Strategic Concept retains the Alliance's reliance on an appropriate mix of conventional and nuclear weapons, and reaffirms the continued importance of nuclear weapons in supporting the Alliance's policy of deterrence. Moreover, NATO allies remain committed to continued modernization of its nuclear systems, another issue that usually has generated considerable controversy. 15

## The Alliance's New Force Posture.

The Missions of Alliance Military Forces. While Alliance military forces must remain capable of conducting large-scale warfare that provides the final insurance against a general war, NATO authorities consider such an outcome highly unlikely. As a

result, the Alliance posed additional missions for NATO military forces. And, in keeping with the Alliance's increased participation in crisis management and conflict prevention, as well as defense of Alliance interests, NATO forces would no longer have solely a wartime role. Forces would be required to perform different functions in peace, crisis, and war. In peace, NATO forces would promote stability and provide strategic balance, as well as contribute toward dialogue and cooperation. In crises, Alliance forces ". . . can complement and reinforce political actions within a broad approach to security, and thereby contribute to the management of crises and their peaceful resolution."

How NATO forces will accomplish this difficult task has not yet been answered. To ensure that the use of military force contributes to, rather than detracts from, crisis management and resolution requires detailed military strategic guidance and operational level planning. Before such comprehensive planning can occur in NATO, members must reach a political consensus on such key points as; NATO versus national interests involved, the degree of military participation nations are willing to underwrite, funding provisions, and command and control arrangements, to name only a few.

NATO members, however, traditionally have been averse to obligating themselves militarily in advance of a crisis. And, as the NATO experience in the Balkans clearly indicates, nations may be equally reluctant to commit when the fuller parameters of a crisis are unknown. Until such time, therefore, that realistic military planning and capabilities, and, more importantly, the political will to employ those capabilities, provide credible muscle to the lofty rhetoric of the Strategic Concept, the words will remain little more than empty promises.

This conclusion does not imply that the Alliance should simply shrug its collective shoulders and wait for the next crisis to catch it unaware and unprepared. Alternative steps are available for the Alliance to pursue. First, NATO nations must face up to the fact that the Alliance is not likely to underwrite substantial preplanning for military participation in crisis management. Second, to compensate for the absence of preplanning, the Alliance—individually and collectively—must provide capabilities such as those suggested below that will ensure a rapid response to an emerging crisis:

• Subordinate headquarters that will likely be charged with carrying out such missions must receive detailed military strategic and operational level guidance that is essential for effective planning. 18

- Increased intelligence gathering capabilities and staffs to monitor conditions, track emerging events, and provide rapid assessments of an emerging crisis. Because of the importance of political issues in crisis management, intelligence efforts must go beyond strictly military intelligence functions and provide for a thorough understanding of political-military issues.
- Sufficient communications capabilities (e.g., strategic level communications, mobile ground stations, access to satellites) to ensure adequate command and control of operations.
- Planning staffs in the various Major Subordinate Command (MSC) and Principle Subordinate Command (PSC) headquarters need to be augmented to provide the "surge" capability necessary to respond to a quickly rising crisis, as well as to keep pace with rapidly changing conditions and contingencies. This may especially apply to logistics planning staffs, who habitually have been under-represented in many NATO headquarters because logistics has always been a national responsibility.
- Mobile, deployable staff cells need to be created within the various headquarters. These cells must be physically and intellectually capable of responding to rapidly changing situations. Personnel readiness requirements may have to be altered in some nations to comply with these requirements.
- Redundancies need to build into staffs to provide for sufficient numbers and types of personnel in the event a nation chooses not to participate in an operation.
- Redundancies also need to be integrated into each headquarters to ensure that in the event of a deployment, sufficient personnel are on hand within the primary headquarters to perform daily requirements, as well as to ensure rotation of deployed personnel.

Guidelines for the Alliance's Force Posture. To fulfill their charge to support political efforts to manage or resolve crises, NATO forces must ". . . have a capability for measured and timely responses . . .; the capability to deter action against an Ally and, in the event that aggression takes place, to respond to and repel it as well as establish the territorial integrity of member states." Consequently, the Strategic Concept stipulates that the size, readiness, and deployment of Alliance forces would vary according to their geographic locality, their mission, and their deployment requirements. The overall size of NATO forces has been greatly decreased and, in many cases, readiness has been significantly (perhaps imprudently) reduced. The idea of "Forward Defense" along Alliance frontiers, particularly the linear defense of the Central Region, has been replaced with a reduced forward presence. That said, the Strategic Concept acknowledges that the

northern and southern tiers of Allied Command Europe (ACE) face greater risks and shorter warning times, and that national and NATO force postures must reflect these differences.<sup>20</sup>

To ensure that lower residual force levels would be capable of participating effectively in crisis management and conflict prevention, as well as fulfilling their traditional defense missions, the Strategic Concept provides more detailed guidance. Specifically, the Alliance would require ". . . limited, but militarily significant . . . ground, air, and sea immediate and rapid reaction elements able to respond to a wide range of eventualities, many of which are unforeseeable." Importantly, these forces also must be able to deter a limited attack, and, if necessary, defend Alliance territory until additional forces arrived. 22

To provide those additional forces, the Strategic Concept establishes the requirement to build up forces through mobilization, reinforcement, and reconstitution, and deploy them quickly. Interestingly, the Strategic Concept notes that such forces must also possess the ability to draw down "... quickly and discriminately . . . [through] flexible and timely responses in order to reduce and defuse tensions." Finally, while acknowledging the long-held tradition of close political control of crisis management actions, the strategy calls for a review of crisis management procedures in light of the new security environment.

Characteristics of Conventional Forces. In addition to immediate and rapid reaction forces mentioned above, the Strategic Concept calls for the Alliance's military structure to include main defense and augmentation forces which are composed of active and mobilizable elements. It also describes the requisite capabilities of ground, maritime, and air forces, which largely reiterate traditional requirements. Of greater interest is the recognition that significantly reduced force structures would require increased reliance on integrated military structures, as well as the establishment of multinational formations—particularly among ground forces.<sup>25</sup>

The Allies also articulated the capabilities—to be maintained or created—necessary to underwrite crisis management and rapid reaction capabilities: effective surveillance and intelligence, adequate command and control organizations and procedures, strategic mobility between regions—to include units capable of rapid deployment, the air and sea assets to transport them, and improved logistics capabilities. Further, NATO authorities underscored the requirement that forces from all three elements—

reaction, main defense, and augmentation—must be prepared for intra-European reinforcement roles.<sup>26</sup>

Characteristics of Nuclear Forces. The Strategic Concept also outlines the characteristics of NATO's future nuclear forces. First, nuclear weapons would remain political instruments "... to preserve peace and prevent coercion and any kind of war." Second, to demonstrate Alliance solidarity and strengthen nuclear deterrence, nations would continue to share burdens, roles, and responsibilities—to include collective defense planning in nuclear roles, as well as peacetime basing of nuclear forces on their territory. Third, NATO nuclear forces would "... need to have the necessary characteristics and appropriate flexibility and survivability, to be perceived as a credible and effective element of the Allies strategy for preventing war. "In short, nuclear forces will remain the deterrent force of ultimate resort.

At the same time, the Alliance recognized that the changed security environment in Europe permitted radical changes in the Alliance nuclear force posture. As a result, they agreed to maintain nuclear forces at ". . . the minimum level sufficient to preserve peace and stability," to reduce significantly the number of sub-strategic nuclear systems, and to eliminate all nuclear artillery and ground launched short-range nuclear missiles. While these provisions seem a radical departure from past NATO strategy, they nonetheless reflect continuity with more recent initiatives to reduce NATO's nuclear stockpiles.

## IMPLEMENTATION AND FOLLOW-ON INITIATIVES

The Alliance's New Strategic Concept represents a beginning, not an end. Thus, despite the charges of some critics, the Alliance has not sat on its collective hands since November 1991. To the contrary, NATO not only has implemented its Strategic Concept, it has undertaken a number of significant political and military initiatives to effect the letter and intent of its strategy. The report next turns to an examination and assessment of these efforts.

## Political Initiatives.

· Dialogue and Cooperation.

The North Atlantic Cooperation Council (NACC). On the political side, NATO has widened significantly the scope of cooperation and dialogue that has been long underway. In December 1991, for example, the NACC convened for the first time. Composed of all NATO members, Central and Eastern European states that formerly belonged to the former Warsaw Pact, and the successor states to the Commonwealth of Independent States (CIS), the NACC

is a forum for the Atlantic Alliance and its new partners. Although criticized by some as a mere "talk shop," the NACC provides an essential interface between NATO and its former adversaries. Within the NACC, members can raise and explore issues of mutual interest in a common forum that promotes confidence building and trust. Additionally, the NACC has undertaken a substantive yearly work program that has addressed such issues as policy and security, defense planning, defense conversion, economics, science, and air traffic management. Most important, perhaps, the NACC Ad Hoc Group on Cooperation in Peacekeeping has sought to harmonize peacekeeping doctrines, practices, and procedures.

- Organization for Security and Cooperation in Europe (OSCE). NATO allies have continued to be the driving force in the OSCE (formerly CSCE) process begun in Helsinki in 1975. OSCE signatories implemented the provisions of the Charter of Paris (November 1990)—to include the new structures and institutions of the OSCE process—and the Vienna Document 90 on Confidence and Security Building Measures (CSBMs) (November 1990). Implementing the Vienna Document 92 on CSBMs signed in March 1992 has enhanced these efforts. Follow—on OSCE conferences in Helsinki (1992) and Budapest (1994) that set forth additional initiatives to improve trust, confidence, and stability in Europe have reinforced Alliance efforts at enhancing dialogue and cooperation within Europe. The continued to the continued to the cooperation of the OSCE of the Cooperation within Europe.
- Arms Control Initiatives. The Alliance also continues its arms control efforts, and with considerable success. NATO allies and their partners in Central and Eastern Europe are in the midst of implementing the Treaty on Conventional Forces in Europe (CFE) that is on track to eliminate nearly 70,000 items of treaty limited equipment by the end of 1995. The Alliance and its Central and East European interlocutors also concluded the CFE IA agreement that set national limits on the personnel strength of conventional armed forces in the Atlantic to the Urals (ATTU) area (July 1992). NATO has also taken up the important cause of nonproliferation of weapons of mass destruction. Finally, although they are bilateral U.S.-Russian initiatives, the Strategic Arms Reduction Treaties (START I and II) enjoy Alliance support.

NATO's intense focus on arms control treaties and their implementation had unexpected, but significant, consequences for the Alliance's ability to respond to the post-Cold War security environment. Because of the massive reductions in force structures and the reorganizations which they generated, national and NATO military planners were absorbed in revamping national and NATO force structures and command and control arrangements. Consequently, they were neither well-prepared for events in the

Balkans nor were they able to devote the attention necessary to respond effectively to the demands of the accelerating crisis. Had NATO military authorities been able to devote their full attention to this issue, the Alliance probably would have responded in a more effective manner.

• Partnership for Peace (PfP). NATO further reinforced its commitment to cooperation and dialogue at the January 1994 Summit in Brussels, when the Alliance established the PfP program. In the words of the official invitation, PfP will ". . . expand and intensify political and military cooperation within Europe, increase stability, diminish threats to peace, and build strengthened relationships . . . . " Under the authority of the North Atlantic Council (NAC) and within the framework of the NACC, NATO invited new partners, on an individual basis and at their own pace, to participate in key political and military activities within NATO headquarters. Such activities include but are not limited to peacekeeping exercises, increased transparency of defense budgets, democratic control of armed forces, cooperative military relations, ". . . and the development, over the longer term, of forces that are better able to operate with those of the members of the North Atlantic Alliance."42 Significantly, the PfP invitation also stipulated that the Alliance would ". . . consult with any active participant in the Partnership if that Partner perceives a direct threat to its territorial integrity, political independence, or security; "43 effectively extending, de facto, provisions of Article IV of the Washington Treaty to those states that join PfP.44 Importantly, this consultation would take place at "16 +1" (i.e., with NATO and the affected state), rather than at 36 (NACC) or 53 (OSCE) where efforts to arrive at a rapid solution obviously would be more complicated.

Despite the charges that PfP does not go far enough, <sup>45</sup> PfP must be recognized for what it is: the best means, to date, to prepare states for potential NATO membership. By offering, implicitly at least, a potential pathway to NATO membership to those nations committed to joining the Alliance, PfP represents a significant step beyond simple cooperation and dialogue. And, when PfP is viewed together with other Alliance initiatives, there can be little doubt that the Alliance has more than fulfilled its commitment to increased dialogue and cooperation.

# • Crisis Management and Conflict Prevention.

The Alliance took another significant step in implementing the Strategic Concept when NATO foreign ministers agreed at Oslo in June 1992 ". . . to support, on a case-by-case basis in accordance with our own procedures, peacekeeping activities under the responsibility of the CSCE, including by making available Alliance resources and expertise." More importantly, the Alliance

quickly turned theory into action, as NATO undertook support of U.N. efforts to resolve the ongoing crisis in the former Yugoslavia.

NATO participation in efforts to mitigate the war in Bosnia-Hercegovina and to assist in crisis management has been extensive, if not entirely successful. In conjunction with the WEU, NATO began conducting maritime operations in support of U.N. mandates in July 1992 (currently named Operation SHARP GUARD). In October 1992, the Alliance began monitoring the air space over the former Yugoslavia. Moreover, in November 1992, NATO had dispatched a substantial portion of Headquarters, Northern Army Group to serve as the core of the U.N. Protection Force (UNPROFOR) command and control structure in the former Yugoslavia. In April 1993, air monitoring operations turned to enforcing the U.N. "no-fly" zone over the former Yugoslavia (Operation DENY FLIGHT). 47 Shortly thereafter NATO's role expanded to include providing close air support to defend UNPROFOR, as well as U.N. "safe areas" in Bosnia-Hercegovina. The Alliance later expanded its efforts to include close air support of humanitarian assistance operations.49

On February 28, 1994, NATO involvement deepened significantly when Alliance aircraft shot down four fixed-wing aircraft violating the "no-fly" zone. Close on the heels of this event, NATO aircraft responded to the first UNPROFOR request for close air support on March 12, 1994 (although the aircraft attacked no ground targets). NATO participation continued to escalate as the threat of NATO air strikes was used to halt ethnic Serbian attacks on U.N.-declared "safe areas" in eastern Bosnia. 49 In August and September 1994, NATO aircraft attacked ground targets, as Bosnian Serbs refused to abide by U.N. resolutions regarding the "heavy weapons exclusion" zone around Sarajevo. Continuing Serbian violations of U.N. resolutions resulted in NATO aircraft, at the request of UNPROFOR, attacking the Bosnian Serb air base at Ubdina, Croatia, on November 21, 1994. Finally, on November 23, 1994, NATO aircraft struck surface-to-air missile sites that had illuminated NATO reconnaissance aircraft with their target acquisition radars.

By this point, however, serious strains had been growing within the Alliance for some time, and internal consensus over the Alliance's further role in conflict management in Bosnia-Hercegovina broke down. On the one hand, the United States advocated tougher military action, especially air strikes (but without offering to provide U.S. ground troops), to retaliate against ethnic Serbian acts, and to force the pace of negotiations to end the conflict. On the other hand, the principal providers of UNPROFOR forces (especially key NATO members France and Britain) supported a more restrained approach. Tensions built for several months until the unilateral U.S. withdrawal from enforcing U.N. maritime sanctions openly split the Alliance, perhaps most

seriously since the Suez Crisis (1956), and shattered the fragile consensus for muscular NATO support of U.N. operations within Bosnia-Hercegovina. Moreover, it called into question NATO's support of peace operations in general.

This result should come as no surprise. NATO may have rushed to judgement on the issue of participation in peace operations, pushed too early into a decision by the advocates of "out of area or out of business." As a result, NATO engaged in peace operations before its members had fully debated and agreed on its future role, much less on its function in peace operations. Indeed, little consensus exists within key Alliance countries about their participation in such efforts. For example, within the United States (despite Presidential Decision Directive [PDD] 25, "The Clinton Administration's Policy on Reforming Multilateral Peace Operations"), the Executive Branch and Congress continue to debate the extent of future U.S. engagement in peace operations.5 Similarly, within Germany the constitutional issue of German forces conducting operations outside of national territory has been legally resolved, but the extent of future German participation in peace operations is a political question that remains unanswered. 54 Moreover, France and Britain, two critical actors in Bosnian peacekeeping efforts are reviewing their potential future roles in peacekeeping operations. 55 Finally, for many of the smaller members of the Alliance, force structure cuts and reduced readiness may render moot the question of participating in peace operations.

Thus, while the situation in Bosnia may be unique, the strains resulting from NATO participation in the crisis go beyond the bounds of this one issue, and strike at the core of whether NATO members, individually or collectively, possess the political will to participate in peace operations. Moreover, the Alliance is spending too much time and effort on this issue that should be spent on more compelling concerns facing the Alliance. The Alliance should, therefore, defer further participation in OSCE or U.N. peace operations until such time that it can reach internal consensus on the extent of NATO support for peace operations, as well as a more precise division of labor between the various interlocking European security organizations.

## Military Initiatives.

• Defense Policy Guidance.

NATO military authorities also have been actively engaged in implementing the Alliance's strategic vision. In conjunction with the publication of the Strategic Concept, the NATO Military Committee (MC) announced the December 1991 promulgation of MC 400, Military Guidance for the Implementation of the Alliance's

Strategic Concept. <sup>56</sup> The guidance stipulated the requirement for highly mobile forces that had access to timely and accurate intelligence, and were supported by adequate transport, logistics, and infrastructure. Without going into specifics, the document outlined reinforcement, mobilization, and reconstitution requirements, addressed peacetime positioning of forces, and framed readiness and training requirements and responsibilities. <sup>57</sup>

## Restructuring Alliance Forces.

New Force Structures. In accordance with the Strategic Concept, Alliance forces have been divided into reaction forces, main defense forces, and augmentation forces. Reaction forces are composed of active duty formations maintained at high levels of readiness that give NATO military authorities the capability to respond quickly and flexibly to crisis developments on land, in the air, and on the sea. Reaction forces consist of immediate reaction forces (IRF) and rapid reaction forces (RRF). Immediate reaction forces include the ACE Mobile Force (AMF)—Land and Air (long-standing NATO forces, but augmented from their past structures), and, for the first time, Standing Allied Naval Forces: Atlantic (STANAVFORLANT), Minesweepers (STANAVFORMIN), and Mediterranean (STANAVFORMED), a new organization. (See Figure 1.)

Rapid reaction forces also contain air, sea, and land elements. Air and maritime components needed beyond those available in the IRF will be provided by nations on an as-required basis. Land rapid reaction forces will come from the ACE Rapid Reaction Corps (ARRC) (See Figure 2). Commander, ARRC can draw from a pool of national units, but current plans anticipate that no more than four divisions plus corps troops would be deployed at any one time. The composition of the deployed force would depend upon the mission, the geographic area for deployment, and the forces that nations make available. 60

Main defense forces provide the bulk of NATO's force structure. These forces are charged, in conjunction with he Reaction Forces, with the immediate defense of Alliance territory. Built around a combination of national and multinational units, main defense forces would consist of a mixture of active and mobilizable formations. On NATO's northern and southern borders, the size and readiness of main defense forces could vary considerably—smaller forces in the north and increasing numbers as one progresses from west to east along NATO's southern tier. Within the Central Region, main defense forces—reduced significantly from Cold War levels—will rely more heavily on mobilizable units with longer readiness times, and are organized into five multinational corps and one German national corps in eastern Germany that falls under NATO command and control (Figure 3).

Augmentation forces provide operational and strategic reserves for the Alliance, and, therefore, are not dedicated to a particular region. These forces consist largely of national forces not charged with rapid reaction or main defense missions, and will be capable of reinforcing rapidly from less threatened areas of the Alliance. Formations are held in varying states of readiness, but NATO will depend heavily on mobilizable forces. And, while augmentation forces could come from anywhere within the Alliance, NATO will continue to rely heavily on the United States. 64

As indicated earlier, multinational formations will play an important role in Alliance force structures. In the case of reaction forces, multinational formations promote cohesion, reinforce transatlantic links, and demonstrate Alliance solidarity and commitment to collective defense. For main defense forces, NATO leaders envisaged that the establishment of standing multinational formations would manifest continued Alliance solidarity. Moreover, they hoped to demonstrate that the Alliance had moved away from the Cold War alignment of national corps along the now defunct Inter-German Border. Finally, an unstated but fervent hope of many NATO planners was that reliance on multinational forces might impede the "force structure free fall" already underway, particularly in the Central Region, as nations sought to maximize the peace dividend.

While the merits of multinationality are appealing, one should not forget the difficulties inherent in transforming political initiatives into military reality. Differing languages, force structures, doctrines, readiness requirements, training standards, and organizational cultures can severely complicate the role of the multinational commander and his subordinates. Moreover, reliance on multinational formations will only exacerbate the nettlesome problem of interoperability of procedures, equipment, communications, repair parts, and ammunition that has long plagued NATO. Finally, the always sensitive issue of command and control arrangements-particularly the differences between Article V and non-Article V operationswill require resolution.68 This is not to argue against the use of multinational formations. The intent is simply to ensure that NATO authorities understand the time, energy, and resources that will be required to ensure such units are capable of implementing the Alliance's Strategic Concept.

Force Reductions and Their Implications. Concomitant with establishing new structures, military authorities have overseen significant reductions in Alliance forces (at aggregate, as well as national levels). To a large extent, these reductions turned necessity into virtue as the Strategic Concept simply ratified arms control agreements and the changed security environment.

Under the terms of the CFE Treaty, Alliance reductions amount to: tanks (18 percent); artillery (7 percent), and armored combat vehicles (7.7 percent). Furthermore, provisions of the CFE IA Treaty (in which nations declared ceilings on the number of personnel in their respective armed forces) reinforced equipment reductions.

Many nations, however, have taken cuts much deeper than required under the CFE Treaties in an effort to reap the maximum possible peace dividend. By 1997, according to NATO sources, the overall military strength of the Alliance will have fallen 25 percent from 1990 levels. But this figure conceals significant disparities. Norway, for example, will cut its total mobilizable ground strength from 160,000 to 100,000 personnel, and reduce its ground force structure from 13 to 6 brigades. 11 In the Central Region, air and ground forces will realize reductions of about 45 Across NATO's southern tier, Spain will cut its armed percent. forces by approximately 44 percent and Italy plans a reduction of roughly 25 percent. Portugal plans moderate reductions, while Greece will make little or none, and Turkey will reduce significantly personnel strengths (620,000 to 350,000 personnel) while increasing items of modern equipment."

While these reductions may make sense from a national perspective (i.e., the reduced threat in Europe and, in some cases, the perceived diminished need to employ forces outside Europe), the magnitude of the cutbacks may not make sense given the requirements outlined in the Strategic Concept. In short, because military forces ultimately guarantee key provisions of the political element of the strategy (e.g., deterrence, crisis management and resolution), insufficient forces call into question the viability of the Alliance's Strategic Concept.

Indeed, as early as December 1992, the severity of planned reductions in main defense forces, particularly in the Central Region, precipitated the Defense Planning Committee (DPC) to order ". . . a review of the implications of changing force levels for the new force structure." A year later, Defense Ministers noted the defense savings achieved, but emphasized that NATO members must provide the financial means necessary to underwrite defense plans. Specifically, the DPC highlighted the importance of ". . . modernization and improvements in strategic mobility, command and control, and sustainability . . . [as well as forces] properly trained and equipped for the full range of missions and tasks they may be called upon to fulfill."

The DPC has been concerned because, in designing their post-Cold War force structures, nations have failed to take into account other demands that could require larger national contributions than apparently envisaged." For example, Central Region countries must retain sufficient forces to meet their NATO

requirements for main defense units in Central Europe. At the same time, they must maintain forces to meet national objectives inside (e.g., the UK in Northern Ireland; or the UK, France, Netherlands, and Spain in Bosnia), as well as outside Europe (e.g., Belgium and France in Africa; or any number of European states in the Middle East). Finally, NATO members, for the first time, must be prepared to dispatch reinforcements from their normal peacetime deployment locations to areas where risks exceed the capabilities of national and ACE Rapid Reaction Forces. Failure to provide forces sufficient to achieve these goals not only calls into question the ability of NATO to execute its Strategic Concept, but also the fundamental purpose of collective defense.

The size of residual forces is not the only concern. In December 1994, the DPC ". . . noted shortfalls in certain capabilities, especially related to support for reaction forces, ground based air defense, and strategic mobility, which could have important implications for the implementation of all aspects of Alliance strategy." To ensure these capabilities, units from many nations will have to be structured differently than in the past to meet new and challenging deployment and sustainment requirements. This may be especially true of Central Region formations that habitually have lacked adequate combat support elements (e.g., artillery, air defense, intelligence). Moreover, many of these countries relied on area support commands and civil resources that have resulted in units with inadequate internal logistics capability to support a prolonged deployment away from home territory.

Finally, these numerous changes must be accomplished in a time of increasing fiscal austerity. But restructuring, especially if it entails substantial reorganization, acquisition of new equipment or capabilities, or repositioning of peacetime stationing, can be very expensive. At the same time, day-to-day operational costs are rising, as the employment of national and NATO forces has increased significantly over Cold War levels." Moreover, many nations failed to comprehend the considerable hidden costs in force reductions (e.g., severance or early retirement payments, destruction of equipment, increased unit costs of equipment, and environmental clean up) that must be added to normal operating costs. 81 Thus, caught in the squeeze between force restructuring costs, daily operational expenditures, and shrinking defense budgets, many NATO nations may be mortgaging the future in order to pay current bills. 82 This holds the significant potential, over the short- and long-term, to frustrate implementation of the Strategic Concept. More importantly, it holds the potential to undermine the long-term viability of the Alliance.

#### INSIGHTS AND RECOMMENDATIONS

In a simple, but not simplistic, sense, the art of strategy constitutes the continuous balancing of objectives, implementing concepts, and resources (also known as ends, ways, and means). Thus, while significant, NATO's promulgation of its Strategic Concept represents only a first step. Equally important are the implementing concepts that provide concrete ways to achieve strategic ends, and, especially, the human and fiscal means—and as importantly, the political will to expend those means—that breathe life into those options. An assessment of these points, and their critical interrelationships may provide, therefore, a helpful construct for assessing whether NATO's Strategic Concept can meet the demands of the 21st century.

#### Ends.

Numerous critics complain that with the demise of the Soviet Union, the rationale for NATO has disappeared. Granted, members founded the Alliance in response to the threat posed by communism, but the principles of the Washington Treaty are more enduring than many critics admit. NATO, undoubtedly, will have to respond to changed strategic circumstances; but the requirement is to adapt, not to dissolve a vital element of European security. The question that should be the focus of attention, then, should not be whether NATO should survive, but how shall the Alliance adapt? This, in turn, leads to the issue of what, in the absence of the Communist threat, should be NATO's primary purpose?

The Strategic Concept began the process of answering that question by reaffirming the principles of the Washington Treaty, and stipulating that NATO shall remain a collective defense organization. But the Alliance's New Strategic Concept also indicates that NATO increasingly will be involved in collective security type tasks which can undermine the ability to perform collective defense functions. To complicate matters further, numerous influential commentators have posed additional roles for the Alliance to consider that, together, offer a broad and frequently contradictory menu of choices for the Alliance to pursue:

- A collective defense organization;
- A collective security organization for Europe: e.g., the military arm of the OSCE (loosely, the "out of area or out of business" option);
- A regional collective security organization for the United Nations;
  - A means to unite the two former adversarial blocs.84

Recent events, predominantly the imbroglio over NATO's role in the ongoing war in the former Yugoslavia, indicate that a NATO role as a collective security organization or the military arm of the OSCE or the U.N. is becoming less likely. Nor do shrinking budgets, and increasing distractions from other demanding issues (e.g., national preoccupation with economics and demographics, EU expansion, war in the Balkans, perceived risks from the Mediterranean, or the rising crises in the former Soviet Union) auger the rapid development of a consensus for the Alliance becoming a purely collective security organ. That said, pressures for NATO to assume a collective security role are not insignificant and could continue to vex NATO for some time.

Using NATO as a means to unite the former adversarial blocs is equally problematic. For example, does NATO want to expand significantly its membership? How does the Alliance ensure adherence to the membership criteria specified in Article II of the Washington Treaty? At what point would the Alliance cease to be a collective defense organization and become a collective security organization? How does the Alliance ensure that each former adversary is fully prepared for NATO membership? How does the Alliance incorporate former constituent parts of the Soviet Union without offending Russia? Finally, uniting former adversaries implies addressing possible Russian membership in NATO. How the Alliance could absorb a state the size of Russia, with its security concerns far beyond the bounds of Europe (i.e., the Middle East, Central Asia, and Asia) is a very difficult question.

Almost by default, logic leads one to conclude that NATO should remain focused solely on its collective defense dimension. But such a conclusion does the Alliance an injustice, for even in the absence of the massive threat that spawned it, NATO can play a number of vital continuing roles. First, the Alliance can sustain stability in Western and Southern Europe that will promote continued economic well-being-no small contribution. Second, it can extend the stability and improved prosperity that usually flows from a sturdy security environment into the emerging democracies of Central and Eastern Europe. Third, the Alliance can continue to perform its long-standing internal collective security function at the political level: e.g., integration first of West Germany into Cold War Europe, and then a united Germany into the new Europe; denationalization of defense and security policies; and dampening of tensions and conflicts between member states (the most notable example being Greece and Turkey).

The Alliance must decide quickly the fundamental nature of its future role. Current debates over NATO's role in Bosnia-Hercegovina, future participation in peace operations, and the precise boundaries between NATO and the other security

institutions in Europe sap considerable NATO energy and divert the Alliance from other critical issues. NATO, therefore, must squarely confront the issue of whether it will remain a collective defense organization, and devote the time and effort necessary to achieve consensus. This may require the Alliance to defer, for the foreseeable future, participation in peace operations or other missions that fall outside the parameters of collective defense. Nor does this argue for strict limits of territorial defense. In keeping with the precepts of the Strategic Concept, the defense of NATO interests should guide discussions, not simply the traditional mission of guaranteeing the territorial integrity of Alliance members.

### Ways.

In an ideal sense, the various concepts proposed to implement the Strategic Concept appear highly suitable. For example, dialogue and cooperation continue apace. The Alliance continues to implement arms control and disarmament treaties or agreements, most notably the CFE Treaty and the various Vienna CSBM documents. The NACC has expanded its responsibilities and, more importantly, increased the results of its labors. The PfP Program now includes 25 members. Finally, the Alliance is examining potential pathways and timings for expanded NATO membership for those partners that meet NATO's as yet unforeseen criteria.

But reality intrudes. PfP participation and expanded membership have run into obstacles that may delay expansion of the Alliance. Importantly, these hurdles result not from the lack of commitment of potential members to adapt to NATO requirements, but from the Alliance's inability to forge a short-term consensus over the parameters for, or even the desirability of, adding new members. Indeed, efforts to date have been more effective at undermining NATO than in buttressing the security of the Alliance. \*5

How enlargement proceeds also hinges significantly on the type of organization the Alliance will remain or become. If the Alliance continues to add new members, it will at some point cease to be a collective defense organization. Where or when that point might be reached cannot be forecast with any accuracy, but some indicators include:

- Expanded membership that retards or precludes rapid consensus-building and decisionmaking;
- Addition of Central and East European states that have intramural conflicts (similar to Greece and Turkey) which constrain or paralyze Alliance decisionmaking; and,

• Russian membership which, given the size of Russia, would dwarf the remaining European members, as well as add massive additional NATO defense commitments along Russia's turbulent frontiers.

Thus, key questions about who is offered membership, under what conditions, when, and with what timetable will have to be answered after NATO has decided the strategic objectives and purpose of the Alliance. These conditions, therefore, argue for a slower NATO expansion that contributes to the continued stability of the Alliance and Europe rather than rapid incorporation of new states that may add little beyond burdensome security requirements. Moreover, this implies that NATO membership should be kept small for the foreseeable future.

As part of this procedure, the Alliance must assess how new members might affect the equilibrium within NATO, upon which hinges the stability of the remainder of Europe. This process may require more time than many currently anticipate or desire. Until NATO sorts out these issues, however, progress will necessarily be slow, and PfP will likely remain a holding pen for aspirants. This result is not entirely negative. While delays will not assuage the security concerns of potential members, they will permit them time to prepare for the rigors and responsibilities of membership, while granting NATO a needed respite to forge the consensus required for 16 separate and sovereign nations to be able to ratify—individually or collectively—any accessions.

One final point on expanded NATO membership. Russia's leaders have become vocal in their opposition to NATO adding new members, particularly former Warsaw Pact countries. In responding to these concerns, the Alliance must first take note of and assuage Russian fears, but without giving Moscow a droit de regard over NATO membership or policies. Second, regardless of how membership increases, new lines will be drawn in European security. The question should be not whether there will be new lines, but how to prevent those lines from becoming impermeable. And, even if these lines harden, that result may be preferable to a security vacuum that leaves Central and Eastern European states twisting in the wind. Finally, notwithstanding NATO actions, Russian leaders will make the final decision on how to respond. Given this fact and the historical failure of appeasement, NATO should carefully consider the cost-benefit calculus of placating Russia on this issue.

Efforts to engage the Alliance in crisis management and conflict prevention also have been problematical. Indeed, ongoing NATO efforts in the Balkans have caused the greatest crisis in the Alliance since NATO's "dual track" nuclear decision in the early-1980s or, perhaps, since the Suez Crisis (1956). If press reports are to be believed, fissure lines between major allies run long

and deep. <sup>89</sup> And, there are no signs that these issues will abate anytime soon. Thus, despite the rhetoric of involving NATO in such operations as a means to promote European stability, recent events have not borne out that assumption. Moreover, the animus created by these efforts indicates that such operations will not be easily undertaken in the future. As a result, the concept of crisis management and conflict prevention will likely remain unfulfilled for the foreseeable future.

In summary, although adequate in an ideal sense, NATO implementing concepts need to be tempered with reality. Most importantly, NATO, whether at the national or Alliance level, must create the internal consensus necessary to provide the requisite political will to proceed with the new tasks contained in the Strategic Concept. Until such time that such consensus becomes more manifest, the Alliance should heed the following admonitions:

- Proceed with enlargement, but at a measured pace. While recognizing that there may be some urgency in adding new members, NATO should not move precipitously. Those who advocate "enlarge or become irrelevant" may kill the Alliance if membership is expanded so rapidly that the ability to achieve consensus on critical issues is destroyed, and with it the Alliance's effectiveness.
- Continue the PfP process, which represents the best methodology, in terms of preparing potential candidates, as well as the Alliance, to accept additional members.
- Defer collective security missions for OSCE and the U.N. until such time as the Alliance has achieved consensus on the parameters for these difficult missions. After having been pushed into the decision by the "out of area or out of business" crowd, it is time to reconsider that choice in light of the evolving European security environment, and the apparent unwillingness of some members of the Alliance to underwrite such operations. This does not argue that the Alliance should forego peace operations, only that it must take the time necessary to debate the issues more fully, and establish a firmer Alliance consensus on what NATO is or is not willing to do.
- Postpone non-Article V missions until a greater consensus can be achieved within the Alliance on how to proceed with such operations. This is not to say that non-Article V missions should be shelved or that the Alliance should ignore the issue. But, before NATO undertakes such operations, increased consultation is necessary to work out the basic issues of Alliance participation and to establish procedures for the conduct of operations.
- If NATO decides to engage in crisis management and conflict prevention operations, the Alliance should clearly delimit how far

it is willing to go-before it engages in such a mission. For instance, should NATO only engage in peacekeeping operations to enforce a settlement, or should it undertake all forms of peace operations, to include peace enforcement? Conversely, should the Alliance only undertake humanitarian support operations? If the Alliance fails to consider this calculus before intervention, it runs the risk of mission failure, if not the collapse of Alliance consensus.

#### Means.

Whether sufficient resources are available to turn concepts into reality is also an open-ended question. Despite the end of the Cold War, cuts in NATO force structure may have gone too deep. Moreover, force reductions have not been spread evenly, and nations in the Central Region may have taken a disproportionate share. At the same time, the Alliance has taken on new missions: peace operations in support of OSCE or the U.N., non-Article V missions, defense of NATO interests vice strictly NATO territory. Such operations tend to be ground force and personnel intensive. Further, several nations maintain national commitments that are stretching their militaries. Thus, while individually "minor" (relative to the Cold War threat), the cumulative demands of these operations may stress residual force structures beyond their ability to fulfill their numerous and diverse missions, thereby undercutting the credibility of the Alliance.

To prevent such a result, the Alliance must fix the mismatch between its stated objectives and concepts and its force structures. This admonition does not advocate stopping payment on the "peace dividend" by halting force reductions. It may require revising or restraining implementation of certain elements of the Strategic Concept. And, it calls for a more rational expenditure of national and Alliance funds for force structure. Individual nations and the Alliance will be better served if they fund adequately a smaller amount of remaining forces tailored to more limited objectives, rather than maintaining larger force structures that cannot be adequately supported and, therefore, are incapable of fulfilling the Strategic Concept.

While nations may reduce their forces overall, some states will have to restructure their armed forces to be more deployable and sustainable. Others will also require greater capabilities in their combat support and combat service support units. In these reorganizations, priority should go to rapid reaction forces, even if this means reductions in the size and readiness of main defense forces in the Central Region, many of which have been stripped nearly bare.

To compensate for overall reductions in forces and readiness of main defense and augmentation forces, the Strategic Concept stipulated the requirement for interregional reinforcement. To fulfill this condition will require more mobile forces, capable of rapid strategic transport to the point of crisis. This may require the purchase of, or the ability to "rent," strategic lift assets, particularly aircraft. Furthermore, interregional reinforcements must be highly interoperable and possess logistics capabilities sufficient to sustain prolonged operations. They also will require a greater capacity for combat support and combat service support units. To achieve the capability of rapid interregional reinforcement will also require a combination of prepositioning of equipment and supplies, and improved infrastructure-particularly in the Southern Region—to support the receipt, storage and forward movement of forces and supplies.

In short, to effect the interregional reinforcement missions laid out in the Strategic Concept will require the Alliance, individually and collectively, to undertake a number of painful initiatives:

- Ensuring strategic mobility, including aircraft and shipping, sufficient to transport reinforcements to the point of crisis in a timely fashion.
- Adequate infrastructure within the Central Region to facilitate the rapid dispatch of forces, and on the flanks, particularly NATO's southern tier, to permit the rapid receipt, forward movement and sustainment of reinforcing formations.
- Strategic level command and control structures—at the theater of war and theater of operations level, as well as operational command and control headquarters (e.g., CJTF, ARRC) that can be deployed to supervise operations anywhere in or out of the NATO area.
- Improved intelligence gathering and dissemination capabilities at the strategic and operational levels of war.
- Improved Host Nation Support capabilities, particularly to support operations along NATO's southern tier, whether in or out of NATO area.
- At the operational level of war, NATO military authorities need to ensure common, or at least compatible doctrines; standardization and rationalization, interoperability and interchange-ability of equipment and spare parts. The formation of a new NATO Standardization Organization is a good start, but nations must demonstrate the political will that permits these efforts must bear fruit quickly. 91

- Reorganization of residual formations to provide adequate combat support and combat service support units and capabilities. This is especially true for many nations in the Central Region, which heretofore relied upon area support commands that were once suitable for operations in the Central Region, but which are tied to a geographic area and are not capable of being deployed outside Central Europe.
- Nations must not only provide their combat formations with suitable levels of combat support and combat service support, they must also construct logistics systems capable of sustaining those forces after they have been deployed beyond national boundaries. The high expenses entailed in creating such systems and the constrained defense budgets of most NATO nations argue for the creation of a NATO logistics command and support structure. This would overturn the longstanding—and ineffective—dictum that logistics are a national responsibility. It would also require increased standardization and interoperability of equipment and resources. Undoubtedly, such a suggestion will generate considerable controversy, but if the Alliance is serious about the capability to execute inter-regional reinforcement, such steps must be taken.

#### CONCLUSIONS

The Alliance's New Strategic Concept represents a dramatic departure from past strategies, and, in an ideal sense, offers an excellent starting point for preparing NATO for the considerable demands of the 21st century. But lofty goals and idealistic implementing concepts ring hollow without the military means to bring the Strategic Concept to fruition. This conclusion does not imply that a focus on military forces will rectify NATO's strategic dilemma. Inadequate force levels and capabilities and an absence of detailed military planning are not the core problem; these are merely manifestations of the lack of political will-individual and collective—necessary within the Alliance to undertake the painful steps needed to turn rhetoric into reality.

Creating the requisite political will is a progressive process. First, the Alliance must firmly decide on its fundamental purpose. While the Strategic Concept and subsequent pronouncements have reaffirmed that collective defense remains the core function of the Alliance, core does not mean sole, and the Alliance has increasingly looked to assume a collective security function in Europe. But simply put, NATO can no longer straddle the fence between collective defense and collective security. Collective security missions run the risk of fatally undermining NATO's ability to carry out its collective defense function:

- Limited residual force structure may well be consumed with peace support operations, and may not be available to respond to collective defense requirements (e.g., an Article IV mission that suddenly spills over into an Article V mission).
- Limited funds being spent on collective security operations could result in long-term modernization being postponed in order to pay for short-term collective security operations.
- Most importantly, internal political conflicts over NATO's role in peace support operations (e.g., the current row over Bosnia-Hercegovina) could destroy consensus within the Alliance.

The Alliance, therefore, must focus on and protect its stated core function of collective defense. But this is not the collective defense of the Cold War. As the Strategic Concept indicates, NATO must now protect not only its territorial integrity, but also its interests. This will require NATO to retain adequate forces that possess the capabilities to execute key provisions of the Strategic Concept, specifically: adequate numbers and types of forces able to conduct modern operations, the ability to transport those forces to the point of crisis and to sustain them, and a command and control organization that ensures effective and efficient application of Alliance military power to achieve desired strategic aims. Most importantly, it will require the political will to provide, employ, and sustain these forces. Without these requisite means and the political will to employ them, the lofty rhetoric of the Strategic Concept will remain exactly that and NATO will slip into irrelevancy.

#### ENDNOTES

- 1. Criticism began even before the publication of the Strategic Concept (see, e.g., Otfried Nassauer and Daniel Plesch, "NATO Strategy Review: Out of Step with Events," Armed Forces Journal International, October 1991, pp. 50-52.), and has continued on a broad scale ever since. For samples of criticism, see Richard Perle, "The Charade in Brussels," The New York Times, January 11, 1993, p. A21; Ronald D. Asmus, Richard L. Kugeler, and F. Scott Larrabee, "Building a New NATO," Foreign Affairs, Vol. 72, No. 4, September-October 1993; Senator Richard G. Lugar, "America's `Near Abroad' and NATO's Future," address to the AEI Conference on the Clinton Administration's Foreign Policy, November 2, 1993; or the literally hundreds of articles debating the pros and cons of NATO expansion.
- 2. J.M. Legge, "NATO's New Strategic Concept," RUSI Journal, Vol. 137, No. 3, June 1992, p. 11. Michael Legge chaired NATO's Strategy Review Group that drafted the Strategic Concept.

- 3. *Ibid.*, pp. 11-12. France withdrew from NATO's integrated military structure in 1966 as part of the debates over adoption of the strategy of Flexible Response.
- 4. "The Alliance's New Strategic Concept," NATO Press Communique S-1(91)85, November 7, 1991, paragraph 15. Cited hereafter as Strategic Concept.
  - 5. Ibid., paragraph 13. Emphasis added in the text.
- 6. The stipulation that "Arrangements exist within the Alliance for consultation among the Allies under Article 4 of the Washington Treaty and, where appropriate, co-ordination of their efforts including their responses to such risks," reinforces this conclusion. Strategic Concept, paragraph 13.
  - 7. Ibid., paragraph 14.
  - 8. Ibid., paragraph 16.
  - 9. Ibid., paragraph 20.
- 10. *Ibid.*, paragraph 21. NATO foreign ministers first articulated these tasks at Copenhagen in June 1991. See NATO Press Communique M-1(91)44, June 7, 1991. Again, it bears repeating that the political element of the strategy predominates.
- 11. Strategic Concept, paragraphs 24-26, and Legge, "NATO's New Strategic Concept," p. 12. "The Future Tasks of the Alliance" (or the Harmel Report after its principal drafter) was issued in December 1967 in conjunction with the NATO's adoption of Flexible Response. Harmel argued that the Alliance should take a dualtracked approach to ensuring its security: defense and dialogue. The report has guided NATO since 1967, and obviously continues to exert a strong influence on Alliance security thinking. A copy of the report may be found in The North Atlantic Treaty Organization: Facts and Figures, Brussels: NATO Information Service, 1989, Appendix 1, No. 7.
- 12. For brief discussions of the problems inherent in the multiplicity of European security institutions, see, e.g., Peter Schmidt, "European Security and Defense Identity (ESDI): A Brief Analysis form the German Point of View," SWP-IP 2883, Ebenhausen, FRG: Stiftung Wissensschaft und Politik, January 1995, and Christopher Anstis, "Situation and Future of the European Security Structure," Commentary, No. 51, Ottawa: Canadian Security Intelligence Service, February 1995.
- 13. For example, widening versus deepening of the EU, the future role of the WEU, and what role for the ESDI.

- 14. Strategic Concept, paragraphs 36-38.
- 15. *Ibid.*, paragraph 39. One need only recall the controversies surrounding the "Dual Track" decision to field cruise missiles and Pershing II missiles in the early 1980s. The lack of attention paid to the nuclear portions of the concept may have been due to previous Alliance announcements that it would cut its nuclear stockpile by as much as 80 percent. NATO Nuclear Planning Group, NATO Press Communique M-NPG-2(91)75, October 18, 1991, paragraph 5.
  - 16. Ibid., paragraph 41.
  - 17. Ibid., paragraphs 42-43. Quote from paragraph 43.
- 18. MC 400, "Military Guidance for the Implementation of the Alliance's Strategic Concept," December 1991, for example, offers only extremely general guidance, bordering on platitudes, that are of little practical use to planners charged with detailed planning.
  - 19. Strategic Concept, paragraph 43.
  - 20. Ibid., paragraphs 45-46.
  - 21. Ibid., paragraph 47.
  - 22. Ibid.
  - 23. Ibid.
  - 24. Ibid.
  - 25. Ibid., paragraphs 48-52.
  - 26. Ibid., paragraph 53.
  - 27. Ibid., paragraph 55.
  - 28. Ibid., paragraph 56.
  - 29. Ibid.
  - 30. Ibid., paragraph 57.
- 31. See, e.g., the series of announcements concerning reductions in the Alliance nuclear weapons stockpile: "Declaration of the Heads of State and Government participating in the North Atlantic Council in Brussels," NATO Press Communique M-1(89)21, May 30, 1989, paragraph 19, which announced a one-third reduction of nuclear weapons since 1979; "London Declaration on a

Transformed North Atlantic Alliance," NATO Press Communique S-1(90)36, July 6, 1990, paragraph 16, which called for negotiations on reductions in sub-strategic nuclear weapons and the reciprocal elimination of all nuclear artillery shells; NATO Nuclear Planning Group, NATO Press Communique M-NPG-2(91)75, October 18, 1991, paragraph 5, which announced an 80 percent reduction in substrategic weapons.

- 32. See, for example, Robert Keatley, "NATO Embarks on a Search for a New Mission," *The Wall Street Journal*, June 1, 1992, p. A9; Daniel T. Plesch and David Schorr, "NATO, Down and (Soon) Out," *The New York Times*, July 24, 1992, p. A25; and Marc Rogers, "NATO defies criticism over impotence . . .," *Jane's Defence Weekly*, December 10, 1994, p. 13.
- 33. Examples of criticisms may be found in Theresa Hitchens, "East Perplexes NATO," Defense News, July 16-22, 1993, p. 4, 29; and William Drozdiak, "NATO Balks at Opening Pact to E. Europe," The Washington Post, September 1, 1993, p. A25. Senator William S. Cohen, on the other hand, notes that "While the NACC was initially a hand-holding forum in which to ease concerns resulting from the collapse of the Pact, it has moved on to practical, concrete cooperation through the activities of NATO's working institutions." William S. Cohen, "Expand NATO Step by Step," The Washington Post, December 7, 1993, p. A25.
- 34. See the details contained in "Work Plan for Dialogue, Partnership, and Cooperation, 1993," contained in NATO Review, Vol. 41, No. 1, February 1993, pp. 30ff., and "Statement Issued at the Meeting of the North Atlantic Cooperation Council," NATO Press Communique M-NACC-2(93)71, December 3, 1993. For the most recent work plan, see NATO Press Communique M-NACC-2(94)121, December 2, 1994.
- 35. See "Report to Ministers By the NACC Ad Hoc Group on Cooperation in Peacekeeping," NATO Press Communique, M-NACC-1(93)40, June 11, 1993, and "Progress Report to Ministers by the NACC Ad Hoc Group on Cooperation in Peacekeeping," NATO Press Communique M-NACC-2(93)73, December 3, 1993, for examples of work undertaken and accomplished. See, also, NATO Press Communique M-NAC-1(93)38, June 10, 1993, paragraph 7. While these steps indicate major progress, the equally important task of developing militarily significant planning that implements these principles remains to be accomplished.
- 36. Copies of these documents may be found in SIPRI, SIPRI Yearbook, 1991, World Armaments and Disarmaments, Oxford: Oxford University Press, 1991, Appendix 17B; Appendix 13B; and U.S. Department of State Dispatch, Supplement, Vol. 3, No. 3, July 1992, respectively.

- 37. For results of these conferences, see Helsinki Document 1992, in SIPRI, SIPRI Yearbook, 1993, Oxford, Oxford University Press, 1993, Appendix 5A; and CSCE Budapest Document 1994, Brussels, NATO Public Data Service, December 12, 1994, respectively. These documents contain a wealth of detail of ongoing efforts to improve dialogue and cooperation.
- 38. By the end of 1995, total cuts in treaty limited items of equipment (TLE) will amount to 69,928. See SIPRI, SIPRI Yearbook, 1991, p. 423.
- 39. For treaty provisions, see *U.S. Department of State Dispatch*, Vol. 3, No. 28, July 13, 1992, pp. 561-562.
- 40. See, e.g., "Alliance Policy Framework on Proliferation of Weapons of Mass Destruction," NATO Press Communique M-NAC-1(94)45, June 9, 1994.
- 41. "Partnership for Peace: An Invitation," NATO Press Communique M-1(94)2, January 10, 1994, pp. 1-2. For an assessment of PfP, see William T. Johnsen and Thomas-Durell Young, "NATO Expansion and Partnership for Peace: Assessing the Facts," The RUSI Journal, Vol. 139, No. 6, December 1994, pp. 47-53.
  - 42. "Partnership for Peace: An Invitation," pp. 1-2.
  - 43. *Ibid.*, p. 3.
- 44. Paul R.S. Gebhard, The United States and European Security, Adelphi Paper 286, London: International Instituted for Strategic Studies, February 1994, p. 73. This is no small offer, and refutes those critics who have chided the Alliance for failing to take seriously Central and Eastern European security concerns.
- 45. See, e.g., Henry Kissinger, "Not This Partnership," The Washington Post, November 24, 1993, p. A17; "Official Attacks NATO's Partnership for Peace Plan," in Foreign Broadcast Information Service (hereafter FBIS)-WEU-94-022, February 2, 1994, p. 33; Gary L. Gelpel, "Partnership for Peace Already Needs Overhaul," The Christian Science Monitor, January 12, 1994, p. 23; and, importantly, the views of partners who aspire to NATO membership, in David B. Ottaway, "War Games in Poland Proposed: E. European Officials Reluctantly Endorse NATO `Partnership,'" The Washington Post, January 8, 1994, p. A1.
- 46. NATO Press Communique M-NAC-1(92)51, June 4, 1992, paragraph 11.
- 47. NATO provision of portions of the Northern Army Group (NORTHAG) headquarters to supplement the U.N. Protective Force in Bosnia-Hercegovina is found in NATO Press Communique M-DPC-

- 2(92)102, December 11, 1992, paragraph 3. For a chronology of NATO air activity, see AFSOUTH Fact Sheet, Operation DENY FLIGHT, March 30, 1995. Maritime operations are summarized in AFSOUTH Fact Sheet, Operation SHARP GUARD, March 30, 1995. NATO and WEU Maritime operations began as MARITIME GUARD and SHARP FENCE, respectively, and were combined into Operation SHARP GUARD on June 15, 1993. NATO air monitoring began as Operation SKY MONITOR, and became Operation DENY FLIGHT on April 12, 1993.
- 48. NATO Press Communique M-DPC/NPG-1(93)36, May 26, 1993, paragraphs 3ff; NATO Press Communique M-NAC-1(93)38, June 10, 1993, paragraph 3; and Press Statement by the SECGEN Following the Special Meeting of the North Atlantic Council in Brussels on August 2, 1993.
- 49. This chronology is taken from AFSOUTH Fact Sheet, Operation DENY FLIGHT, March 30, 1995. Commentary and analysis of the implications of these events may be found in any of the major U.S. or international media on dates surrounding these events.
- 50. This chronology is taken from AFSOUTH Fact Sheet, Operation DENY FLIGHT, March 30, 1995. Commentary and analysis of the implications of these events may be found in any of the major U.S. or international media on dates surrounding these events. For operations against Ubdina, see NATODATA, Press Briefing, Admiral Leighton W. Smith, November 23, 1994.
- 51. For a concise description of various positions within NATO, see Craig R. Whitney, "A Testing of NATO," The New York Times, November 2, 1994, p. A8. For U.S. withdrawal from maritime operations and its consequences, see Douglas Jehl, "Clinton Defends Halting Arms Embargo Enforcement, " The New York Times, November 15, 1994, p. A12; "Patching Up NATO," The Economist, November 19, 1994, p.18; Laura Silber and Bruce Clark, "UN Condemns Fighting in Bihac, " London Financial Times, November 14, 1994, p. 4; and Ed Vulliamy and Peter Beaumont, "US Spells Out Ban on Intelligence Sharing with NATO, " Sunday Observer (UK), November 13, 1994, p. 16. Examples of reporting of the rifts in the Alliance in the wake of the bombing attacks may be found in William Drozdiak, "U.S. and Europe in Serious Rift Over Bosnia War, " The Washington Post, November 27, 1994, p. A1; Joseph Joffe, "Bosnia: From Farce to Tragedy?," U.S. News and World Report, December 5, 1994, p. 69; and Richard W. Stevenson, "Britain and France Criticize U.S. on Bosnia Positions, " The New York Times, November 29, 1994, p. A16. These examples represent only a tiny fraction of the reporting.
- 52. For example, Asmus, et al., "Building a New NATO," and Senator Richard G. Lugar, "America's `Near Abroad' and NATO's Future," November 2, 1993.

- 53. For examples, see Senator Robert C. Byrd, "The Perils of Peacekeeping," The New York Times, August 19, 1993, p. A23; Trudy Rubin, "It's too soon to put U.S. troops under foreign U.N. Commanders," The Philadelphia Inquirer, August 20, 1993, p. 23; Eric Schmitt, "Military's Growing Role in Relief Missions Prompts Concerns" The New York Times, July 31, 1994, p. A3; and Dana Priest, "GOP Split Surfaces on Bosnia War," The Washington Post, December 6, 1994, p. 34.
- 54. Rick Atkinson, "Court Rules Constitution Allows Sending Troops Abroad, The Washington Post, July 13, 1994, p. Al. Continued German hesitance is reflected in, e.g., "Kinkel: Foreign Action Last Resort," in FBIS-WEU-94-134, July 13, 1994, pp. 19-20; and Craig R. Whitney, "Bonn Ponders Air Support for U.N. Exit," The New York Times, December 18, 1994, p. A25.
- 55. French and British reappraisals are described in William Drozdiak, "Paris Asks Plan to Pull Troops Out of Bosnia," *The Washington Post*, December 8, 1994, p. A31; and Peter Beaumont and Paul Beaver, "Bosnia Pullout in Works," *The Washington Times*, December 5, 1994, p. 1.
- 56. MC 400 is a classified document. However, NATO publicly released key elements of the guidance. See SRG(91)59, Ad Hoc Group on Review of NATO's Military Strategy, "Public Line to Take on Military Guidance for the Implementation of the Alliance's Strategic Concept,' December 10, 1991; and BASIC Reports on European Arms Control, No. 20, February 19, 1992, pp. 6-7.
- 57. BASIC Reports on European Arms Control, No. 20, February 19, 1992, pp. 6-7.
- 58. Immediate Reaction Force units must be available for deployment within 72 hours. "Cold War Battle Orders Make Way for a New NATO Era," Jane's Defence Weekly, June 8, 1991, p. 961. The ACE Rapid Reaction Corps standard requires lead elements to be available for movement (not deployed) within 7 days and the remainder in 15 days. AFJI Interview, Lt. Gen. Sir Jeremy Mackenzie, Armed Force Journal International, April 1993, p. 25.
- 59. The force posture was originally announced in NATO Press Communique M-DPC/NPG-1(91)38, May 29, 1991, paragraph 9. The Alliance formed AMF Air and Land in 1960. STANAVAFORMIN is the former STANAVFORCHAN. STANAVFORLANT (1967) and STANAVFORCHAN (1973) have long existed, but have not been part of any reaction forces. STANAVFORMED replaced the On Call Naval Forces Mediterranean that has existed since 1969. For a brief synopsis of these forces, see NATO Handbook, Brussels: NATO Office of Information and Press, 1992, pp. 111-113.

- 60. For a brief description of the ARRC, see, for example, Peter Saracino, "ARRC at the Sharp End," *International Defense Review*, Vol. 27, No. 5, May 1994, p. 33.
- 61. Dirk Weissleder, "NATO's Future Force Structures," NATO's Sixteen Nations, December 1991, p. 21.
- 62. The ultimate ratio of national and multinational formations, as well as active and mobilizable forces, would depend on specific circumstances. Within the Southern Region, larger numbers of active duty forces would be supplemented with smaller numbers of mobilizable units. In the Central Region, main defense forces would consist of largely conscript and reserve formations with longer mobilization times than was previously the case during the Cold War. In AFNORTHWEST, Norway, for instance, will continue to rely on almost total mobilization.
- 63. Norway will cut its regular personnel from 28,000 to 21,500, its total mobilizable ground strength from 160,000 to 100,000 personnel, and reduce its ground force structure from 13 to 6 brigades. (John Berg, "Cuts Are Threat to Norway's Defense," Jane's Defense Weekly, March 28, 1992, p. 503; John Berg, "Holst Cuts Threaten Norwegian Defence, " Jane's Defence Weekly, January 23, 1993, p. 9; Helsinki Suomen Yleisadio Network, in "Defense Forces to be Cut by 37 Percent by 2000, "FBIS-WEU-93-100, May 26, 1993, pp. 48-49.) Within the Southern region, Spain will cut its armed forces by approximately 44 percent (ABC [Madrid], February 21, 1993, pp. 35-36, in "Armed Forces Reorganization, Cuts Viewed, " in FBIS-WEU-93-040, March 3, 1993, pp. 37-38) and Italy plans a reduction of roughly 25 percent. (Ansamail [Rome] September 9, 1994, in "Armed Forces Restructuring Detailed," FBIS-WEU-94-179A, September 15, 1994, pp. 14-15.) Portugal plans moderate reductions (Expresso [Lisbon], October 23, 1993, pp. 25R-33R, in "Armed Forces Capabilities Discussed," FBIS-WEU-93-229, December 1, 1993, pp. 30-36), Greece will make little or no reductions (see "Country Survey: Greece," Jane's Defence Weekly, July 4, 1992, pp. 28ff) and Turkey will reduce significantly personnel strengths (620,000 to 350,000 personnel) while undergoing increases in items of modern equipment. (Lale Sariibrahimoglu, "Regular Officers-Top Recruitment Priority," Jane's Defence Weekly, January 23, 1993, p. 8.)
- 64. Weissleder, "NATO's Future Force Structures," p. 21. It is also worth noting that U.S. and limited Canadian augmentation forces are the only NATO forces not restricted by the CFE Treaty.
  - 65. Strategic Concept, paragraph 54.
- 66. See, "JDW Interview, General John Galvin," Jane's Defence Weekly, June 29, 1991, p. 1196; and, Roy Wilde, "Multinational

Forces-Integration for National Security, " NATO's Sixteen Nations, December 1991, p. 26.

- 67. For an initial description and analysis of NATO's new force structure and command organization, see Christian Tuschhoff, "The Political Consequences of NATO Armed Forces Reforms," unpublished paper, American Institute for Contemporary German Studies, Washington, DC, Spring 1993, reprinted in FBIS-WEU-93-121-S, June 25, 1993, pp. 1-8. For a more recent assessment, see William T. Johnsen, Reorganizing NATO Command and Control Structures: More Work in the Augean Stables?, in Thomas-Durell Young, ed., NATO Command and Control Reorganization, Carlisle Barracks, PA: Strategic Studies Institute, forthcoming.
- 68. For example, the Central Region Chiefs of Army Staff have grappled with this thorny issue and produced The Multinational Force Commanders Command Authority Report, August 1994. However, a variety of command and control arrangements were developed to accommodate national positions (i.e., the United States and the nations participating in the Multinational Division Center [Belgium, Germany, Netherlands, and United Kingdom]).
- 69. These reductions were due, in part, to requirements mandated by the Conventional Armed Forces in Europe (CFE) Treaty (1990), as well as the changed security environment in Europe. It is also important to point out that these reductions took place simultaneously, and in a coordinated fashion, with the development of the Strategic Concept—no easy task.
- 70. Fixed wing combat aircraft (1.7%), and combat helicopters (0%) are the other two items. Figures derived from data contained in International Institute for Strategic Studies, *The Military Balance*, 1992-1993, London: Brassey's, 1992, p. 244.
- 71. Berg, "Cuts Are Threat to Norway's Defense," p. 503; Berg, "Holst Cuts Threaten Norwegian Defence," p. 9; Helsinki Suomen Yleisadio Network, in "Defense Forces to be Cut by 37 Percent by 2000," FBIS-WEU-93-100, May 26, 1993, pp. 48-49.
- 72. As reported in, La Liberation (Paris), May 28, 1993. For a somewhat dated, but still pertinent description of planned reductions in the Central Region, as well as throughout the remainder of the Alliance, see Rafael Estrella, North Atlantic Assembly Report AK 229, DSC/AF (93)2, "Military Trends Within the Atlantic Alliance," October 1993, pp. 10-27.
- 73. See, for example, ABC (Madrid), February 21, 1993, pp. 35-36, in "Armed Forces Reorganization, Cuts Viewed," in FBIS-WEU-93-040, March 3, 1993, pp. 37-38; Ansamail (Rome) September 9, 1994, in "Armed Forces Restructuring Detailed," FBIS-WEU-94-179A,

September 15, 1994, pp. 14-15; Expresso (Lisbon), October 23, 1993, pp. 25R-33R, in "Armed Forces Capabilities Discussed," FBIS-WEU-93-229, December 1, 1993, pp. 30-36; "Country Survey: Greece," Jane's Defence Weekly, July 4, 1992, pp. 28ff; Lale Sariibrahimoglu, "Regular Officers-Top Recruitment Priority," Jane's Defence Weekly, January 23, 1993, p. 8. Spanish figures may have to be readjusted in light of recent announcements of further budget cuts. Giovanni de Briganti, "Spain Minister Decries Cuts," Defense News, February 20-26, 1995, p. 1, 25.

- 74. NATO Press Communique M-DPC-2(92)102, December 11, 1992, paragraph 9. Two years later, these efforts are still ongoing. See NATO Press Communique M-DPC/NPG-1 (94) 38, paragraph 13.
- 75. NATO Press Communique M-DPC/NPG-2(93), December 9, 1993, paragraph 9.
  - 76. Ibid., paragraph 8.
- 77. Nor is the DPC alone in this concern, See Michael Inacker, Welt am Sontag, January 1, 1995, pp. 1,2 in "SACEUR Concerned About NATO Strength," FBIS-WEU-95-001, January 3, 1995, pp. 2-4.
- 78. "Consequently, capabilities for timely reinforcement and resupply both within Europe and from North America will be of critical importance." Moreover, the New Strategic Concept stipulates that "The Allies will maintain military strength adequate to convince any potential aggressor that the use of force against the territory of one of the Allies would meet collective and effective action by all of them . . . . " [emphasis added]. Strategic Concept, paragraphs 47(b) and 36, respectively.
- 79. NATO Press Communique DPC-NPG-2(94)126, December 15, 1994, paragraph 12. Emphasis added.
- 80. See, for example, "America and Europe: The Trans-Atlantic Alliance," Norfolk, VA: Headquarters, Supreme Allied Commander Atlantic, n.d., p. 1.
- 81. By way of example, the U.S. Department of Defense estimates that environmental clean-up will eventually cost approximately \$41 billion. "Pentagon's Cleanup Bill Is Escalating," The Washington Post, March 27, 1995, p. 17.
- 82. The reporting on countries struggling with this conundrum is extensive. For representative samples, see: Denmark ("Soldiers Association Chief Criticizes Military," FBIS-WEU-95-027, February 9, 1995, pp. 30-31); France (Francis Tusa, "France and Germany Face Tough Budget Decisions," Armed Forces Journal International,

- January 1994, p. 7); Germany (Michael Inacker, Welt am Sontag, May 1, 1994, p, 5, in "Planned Changes in Bundeswehr Viewed," FBIS-WEU-94-086, May 4, 1994, pp. 13-14, and Ruediger Moniac, Die Welt, August 27, 1994, p. 3 in "Defense Ministry: Tight Budget Endangers Readiness," FBIS-WEU-94-167, p. 19); the Netherlands (Algemeen Dagblad [Rotterdam], August 16, 1994, p. 1 in "Chief of Staff Resigns in Protest of Defense Cuts," FBIS-WEU-94-159, August 17, 1994, p. 9.); United Kingdom (Bruce Clark, "Some Fight Left in Them," Financial Times [London], July 22, 1994, p. 14); and United States (Eric Schmitt, "For Better Troop Living, \$2.7 Billion Is Shifted from Weapons," The New York Times, November 11, 1994, p. A24; Philip Finnegan, "Republicans Attack Weapon-Spending Free Fall," Defense News, February 13, 1995, p. 8; and Eric Schmitt, "Worries About Military Readiness Grows," The New York Times, April 3, 1995, p. 87.).
- 83. See, e.g., Dick Polman, "Where Does NATO Go After Bosnia?," The Philadelphia Inquirer, March 6, 1994, p. D1; and Irving Kristol, "Who Now Cares About NATO?," The Wall Street Journal, February 6, 1995, p. A12. For an alternate viewpoint, see John T. Tyler, Jr.'s Op-ed piece in The Wall Street Journal, March 1, 1995, p. 15.
- 84. Several of these points are taken from Henry Kissinger, "Expand NATO Now," The Washington Post, December 19, 1994, p. A27.
- 85. See, for example, Craig R. Whitney, "Expand NATO? Yes, Say Most Experts, But What Does the Public Think?," The New York Times, February 10, 1995, A6; Eric Schmitt, "U.S. Fight for Uzbeks? No Way, Pentagon Says," The New York Times, February 10, 1995, p. A6; Dana Priest "Not All Partners Will Join NATO, Perry Concedes," The Washington Post, February 9, 1995, p. A26; Steve Erlanger, "Pressure on NATO to Expand," The New York Times, February 8, 1995, p. A11; and Congressman Robert G. Torricelli, "A Promise Best Not Kept," Los Angeles Times (Washington ed.), February 8, 1995, p. 11. It is important to note, that this represents a small sample of only three days. And, while solely U.S. sources are listed here, similar circumstances apply to individual NATO members and to the Alliance as a whole.
- 86. See, for example, Craig R. Whitney, "Expand NATO? Yes, Say Most Experts, But What Does the Public Think?," The New York Times, February 10, 1995, A6; Eric Schmitt, "U.S. Fight for Uzbeks? No Way, Pentagon Says," The New York Times, February 10, 1995, p. A6; Dana Priest "Not All Partners Will Join NATO, Perry Concedes," The Washington Post, February 9, 1995, p. A26; Steve Erlanger, "Pressure on NATO to Expand," The New York Times, February 8, 1995, p. A11; and Congressman Robert G. Torricelli, "A Promise Best Not Kept," Los Angeles Times (Washington ed.), February 8, 1995, p. 11. It is important to note, that this represents a small sample of only three days. And, while solely

- U.S. sources are listed here, similar circumstances apply to individual NATO members and to the Alliance as a whole.
- 87. See, e.g., Kagan's insightful discussion of the appeasement before World War II. Donald Kagan, *The Origins of War and the Preservation of the Peace*, New York: Doubleday, 1995, Chapter 4, especially, pp. 413-417.
- 88. See Jeffrey McCausland, "Dual Track or Double Paralysis?," Armed Forces and Society, Vol. 12, No. 3, Spring 1986, pp. 431-452. Reference to Suez Crisis is from Kissinger, "Expand NATO Now."
- 89. See, e.g., Justin Burke, "A Pushy US on Bosnia Rips NATO: An Analysis," The Christian Science Monitor, November 15, 1994, p. 1; "Bosnian Arms: It's Now a Killer Question," The Los Angeles Times (Washington ed.), November 15, 1994, p. 10; Craig R. Whitney, "NATO Keeps Bosnia Arms Blockade as U.S. Drops Role," The New York Times, November 16, 1994, p. A3; and William Drozdiak, "France, Russia Warn U.S. on Tilt Toward Bosnia," The Washington Post, November 18, 1994, p. A3.
- 90. For example, the UK in Northern Ireland and the former Yugoslavia; Belgium in Africa; France in Africa and the former Yugoslavia; Spain and the Netherlands in Bosnia-Hercegovina; and the United States throughout the world.
- 91. "NATO Council Agrees to Set Up New Alliance Standardization Organization," NATO Press Release 4(95), January 24, 1995.
- 92. Strategic Concept, paragraphs 16 and 31; and, for example, NATO Press Communique M-1(94)3, January 11, 1994, paragraph 7 (Brussels Summit).
- 93. NATO Press Communique M-NAC-1(92)51, June 4, 1992, paragraph 11, and NATO Press Communique M-1(94)3, January 11, 1994, paragraph 7.

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